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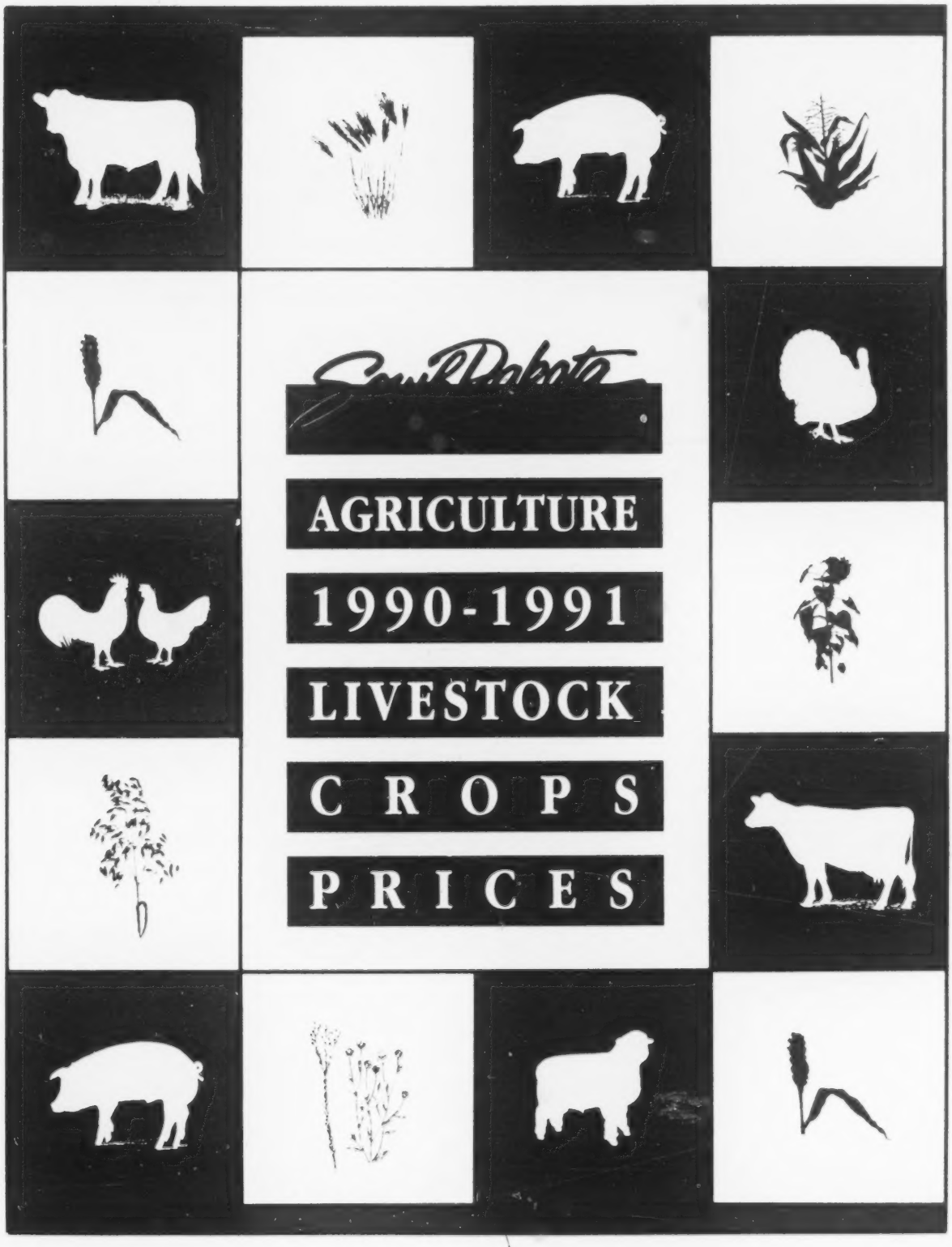
South Dakota
AGRICULTURE
1990-1991
LIVESTOCK
CROPS
PRICES

Agriculture continues to be the number one industry in South Dakota. As the basis for South Dakota's way of life, farming and ranching demonstrate today's Midwestern family traditions, goals, and moral values. With the inspiration and determination of the first settlers as a guide, farmers and ranchers will continue to persevere in the face of challenge and change, to reach their goals for a better tomorrow.

The agricultural industry is constantly faced with important issues effecting South Dakota's economic future. Marketing agricultural products gains added importance as South Dakota competes with unpredictable world agricultural markets.

The South Dakota Agriculture statistics bulletin provides a current scope of South Dakota agriculture and aids in favorable and successful decision making. This outlined statistical update is also influential in the growth of our economy and charting a course for a prosperous future for South Dakota.

Governor George S. Mickelson

Beginning a new decade, we look forward to a time of progress and achievement with South Dakota's agriculture. Exploring advanced technology, the industry will meet the ever-changing needs of today's worldwide consumer.

While continuing to produce a food abundance, farmers and ranchers also contribute to the preservation of our environment by protecting the soil, range, water, timber, and other essential natural resources. The new decade will bring scientific advancements and ideas that will foster improved production and more efficient agricultural practices.

The Department of Agriculture is pleased to be part of the 1991 South Dakota Agriculture statistics bulletin. The agricultural census, statistics, and other information presented in this publication furnish important data regarding the State's agriculture. We thank and appreciate John Ranek and his staff for their dedication in keeping us informed on South Dakota's agricultural status.

Jay C. Swisher
Secretary, South Dakota Agriculture

We are pleased to provide this statistical bulletin which continues the series of agricultural statistics bulletins for South Dakota. Knowledge of production, marketing, and prices are invaluable tools in planning future operations. Information about South Dakota's agriculture is a must in order to promote and market products from our number one industry.

Data in this bulletin represents a compilation of the continuing surveys and reports of the South Dakota Agricultural Statistics Service. Current information becomes available during the year and can be obtained from the "South Dakota Crop and Livestock Reporter" or by contacting our office. A calendar of report dates is available upon request.

John C. Ranek
State Statistician

SOUTH DAKOTA AGRICULTURAL STATISTICS

presented by

SOUTH DAKOTA AGRICULTURAL STATISTICS SERVICE

JOHN C. RANEK, State Statistician
3528 S. WESTERN AVE.
P.O. BOX 5068
SIOUX FALLS, S.D. 57117-5068
(605) 330-4235

S.D. DEPARTMENT OF AGRICULTURE

JAY SWISHER, Secretary
PIERRE, S.D. 57501

U.S. DEPARTMENT OF AGRICULTURE

NATIONAL AGRICULTURAL STATISTICS SERVICE
CHARLES E. CAUDILL, Administrator
WASHINGTON, D.C. 20250

PREFACE

Funding for this issue of South Dakota Agricultural Statistics is provided through the State Department of Agriculture. The cover is provided and funded by the Governor's Office of Economic Development.

This bulletin presents state and county crop data, state price and income data for 1989-90, and state livestock data for January 1, 1985-91. Some United States data is shown for comparative purposes. For earlier year's county crop data, please refer to South Dakota Historic Estimates 1970-75, 1976-80, and South Dakota Agricultural Statistics 1979-85, and 1984-90.

All current data in this bulletin is preliminary and subject to revision the following year and also after review of the United States Census data each five years.

Acknowledgement is given to the many South Dakota farmers, ranchers, and merchants as well as numerous commercial, educational, and government agencies who have voluntarily contributed basic information used in compilation of these data. Preparation of this publication was done by the staff of the South Dakota Agricultural Statistics Service.

Photographs: Inside pictures are scenes taken by Mark Place and John Ranek.

SOUTH DAKOTA AGRICULTURAL STATISTICS DISTRICTS

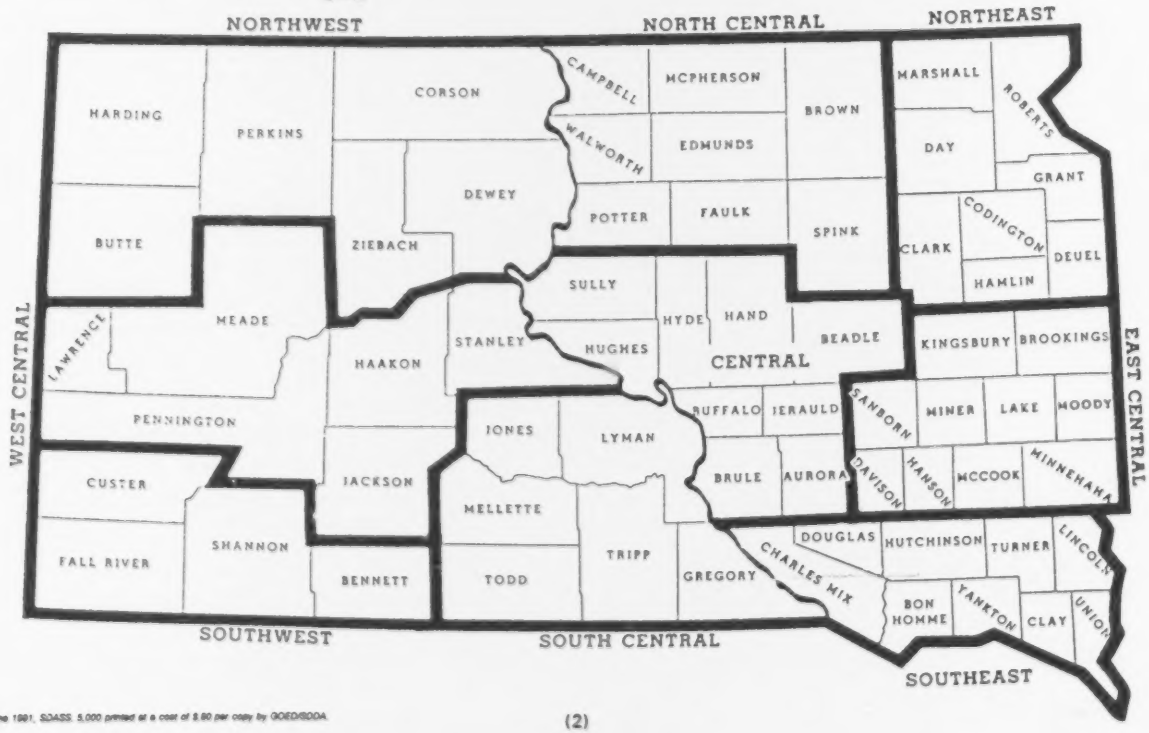

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TABLE OF CONTENTS

GENERAL INFORMATION

PAGE

Messages from S.D. Governor, Secretary, and State Statistician 1
Preface 2
Table of Contents 3
Crop Production - Rank by State, 1990 4
Livestock - Rank By State, January 1, 1991 and December 1, 1990 4
Cash Receipts and Government Payments - Rank by State, 1989 4
Number, Average Size, and Land in Farms, 1965-90 ... 5
Number of Livestock Farms, 1985-90 5
Cattle and Hog Operations 5
Weather - Crop Summary Narrative, 1990 6
Weekly Weather Planting and Harvesting Progress Charts, 1989-90 and Average 7
Growing Season and Annual Precipitation, 1989-90 8
Precipitation Maps, 1990 and Normal Growing Season .. 9
Autumn and Spring Freeze Hazard Maps 10

CROPS

Crop Production Narrative, S.D. and U.S., 1990 11
Planted Acres, Harvested Acres, Yield, and Production, S.D. and U.S., 1989-90 12
Crop Record Highs and Lows 13
Crop Production - Rank by County, 1990 14
Principal Crops - Yield Per Acre Chart, 1972-90 15
Principal Crops - Harvested Acres Chart, 1972-90 15
Grain Stocks - All Wheat, Barley, Corn, Soybeans, Sorghum, Oats, Rye, and Flaxseed, 1988-91 16
Grain Stocks Charts - All Wheat, Barley, Corn, Soybeans, Sorghum, and Oats, 1981-90 17
Grain Storage Facilities, 1978-90 18
Crop Marketing Percents, By Month, 1988-90 18
Cost of Production - Corn-Great Plains, All Wheat and Oats-Northern Plains, 1987-89 19
Barley Varieties - Acres and Percent by Variety, Selected Years 20
Barley Varieties - Percent Acres Seeded By Variety, By District, 1990 20
Commercial Fertilizer Sold, 1984-90 21
Commercial Fertilizer - 15 Leading Fertilizers, 1989-90 .. 21
County Estimates - Corn, Grain and Silage, 1989-90 ... 22
County Estimates - Corn for Grain, Dryland and Irrigated, 1989-90 24
County Estimates - All Wheat, 1989-90 26
County Estimates - Winter Wheat, 1989-90 27
County Estimates - Winter Wheat Growing Practices, 1989-90 28
County Estimates - Durum Wheat, 1989-90 30
County Estimates - Other Spring Wheat, 1989-90 31
County Estimates - Other Spring Wheat Growing Practices, 1989-90 32
County Estimates - Oats, 1989-90 34
County Estimates - Barley, 1989-90 35
County Estimates - Rye, 1989-90 36
County Estimates - Flaxseed, 1989-90 37
County Estimates - Soybeans, 1989-90 38
County Estimates - Sorghum, 1989-90 39
County Estimates - All Sunflower, 1989-90 40
Corn Production by County Map, 1990 41
All Wheat Production by County Map, 1990 41
Oat Production by County Map, 1990 42
Barley Production by County Map, 1990 42
Rye Production by County Map, 1990 43
Flaxseed Production by County Map, 1990 43
Soybean Production by County Map, 1990 44
Grain Sorghum Production by County Map, 1990 44
All Sunflower Production by County Map, 1990 45
Land Uses 45

LIVESTOCK AND POULTRY

Livestock and Poultry Narrative, S.D. and U.S., 1990-91 46
Livestock Record Highs and Lows 47
Number of Feedlots and Fed Cattle Marketed, 1968-90 47
Cattle Inventory Numbers, U.S., 1985-91 48
Cattle and Calves - Production, Disposition and Income, U.S., 1985-90 48
Cattle Inventory Numbers, 1985-91 49
Cattle and Calves - Production, Disposition and Income - 1985-90 49
Cattle and Calves on Feed, 1985-91 50
Cattle and Calves on Feed - Marketings and Placements, 1987-90 50
Cattle Slaughter by Month, 1985-90 50
Sows Farrowed, Pigs Per Litter and Pig Crop, 1988-90 51
Hog Slaughter by Month, 1985-90 51
Hog Inventory Numbers, 1985-91 52
Hogs - Production, Disposition and Income, 1985-90 52
Hog Inventory Numbers, U.S., 1985-91 53
Hogs - Production, Disposition and Income, U.S., 1985-90 53
Sheep Inventory Numbers, U.S., January 1, 1985-91 ... 54
Sheep and Lambs - Production, Disposition and Income, U.S. 1985-90 54
Sheep Inventory Numbers, January 1, 1985-91 55
Sheep and Lambs - Production, Disposition and Income, 1985-90 55
Wool - Sheep Shorn, Wool Production and Value, 1985-90 56
Sheep and Lamb Slaughter by Month, 1985-90 56
Chicken Inventory Numbers, December 1, 1985-90 57
Production and Disposition of Chickens and Eggs, 1985-90 57
Production and Disposition of Turkeys, 1985-90 57
Honey, 1987-90 57
Milk and Milkfat Production and Milk Utilization, 1985-90 58
Milk Production by Quarter, 1985-90 58
Manufactured Cheese Products, 1985-90 58

INCOME, PRICES & MISCELLANEOUS

Income and Prices Narrative, S.D. and U.S., 1990 59
Cash Receipts and Government Payments, 1987-89 ... 60
Cash Receipts by Month and Percent Distribution, 1990 61
Total Cash Receipts, Government Payments, and Total Income, 1987-89 61
Farm Production Expenses, 1987-89 61
Farm Balance Sheet, 1987-89 61
Cash Receipts Charts, 1985-89 Average and 1989 62
Income Chart 1978-89 and Expense Chart, 1985-89 Average and 1989 63
Marketing Year Price - Principal Crops, S.D. and U.S., 1983-90 64
Prices Received - Crops, Monthly Average, 1989-90 ... 64
Prices Received Charts - All Wheat, Corn and Oats 65
Prices Received Charts - Barley, Soybeans and Alfalfa Hay 66
Value of Production Per Harvested Acre, 1982-90 67
Prices Received - Livestock, Monthly and Annual Average, 1989-90 67
Prices Received Charts - Steers and Heifers, Calves, Cows and Hogs 68
Prices Received Charts - Sheep, Lambs and Wool 69
Farm Real Estate Values, 1981-91 70
Cash Rents - Farm, Pasture and Cropland, 1981-91 70
Farm Labor and Wage Rates, Regional and U.S., 1987-91 71
Index 72

STATE RANKINGS
SOUTH DAKOTA AND 10 LEADING STATES - 1990

CROP PRODUCTION - 1990

ITEM	UNIT	1	2	3	4	5	6	7	8	9	10	S.D.RANK
CORN FOR GRAIN	MIL. BU.	IOWA 1562.4	ILL. 1320.8	NEBR. 934.4	MINN. 762.6	IND. 703.1	OHIO 417.5	WISC. 354.0	MICH. 238.1	S.D. 234.0	MO. 205.8	9 234.0
OATS	MIL. BU.	S.D 53.2	MINN. 48.2	WISC. 47.6	IOWA 40.8	N.D. 30.6	OHIO 16.1	PENN. 15.8	NEBR. 13.4	MICH. 13.1	ILL. 11.6	1 53.2
ALL WHEAT	MIL. BU.	KANS. 472.0	N.D. 385.2	OKLA. 201.6	WASH. 150.1	MONT. 145.9	MINN. 138.6	TEXAS 130.2	S.D. 128.0	IDAHO 99.6	ILL. 91.2	8 128.0
WINTER WHEAT	MIL. BU.	KANS. 472.0	OKLA. 201.6	WASH. 138.6	TEXAS 130.2	ILL. 91.2	MONT. 87.5	NEBR. 85.5	COLO. 84.2	OHIO 79.7	MO. 76.0	12 57.6
DURUM WHEAT	MIL. BU.	N.D. 103.7	CALIF. 5.3	MONT. 4.5	ARIZ. 4.1	S.D 3.2	MINN. 1.3	-- --	-- --	-- --	-- --	5 3.2
OTHER SPRING WHT.	MIL. BU.	N.D. 277.2	MINN. 134.8	S.D. 67.2	MONT. 53.9	IDAHO 30.6	WASH. 11.5	OREG. 3.0	COLO. 2.8	UTAH 1.2	NEV. 0.6	3 67.2
BARLEY	MIL. BU.	N.D. 129.9	MONT. 56.6	IDAHO 56.2	MINN. 50.4	S.D. 24.5	WASH. 22.6	COLO. 12.0	CALIF. 10.0	WYO. 9.3	OREG. 9.1	5 24.5
RYE	MIL. BU.	S.D. 1.9	GA. 1.3	MINN. 0.9	N.D. 0.8	NEBR. 0.8	S.C. 0.6	MICH. 0.6	PENN. 0.5	WISC. 0.5	N.C. 0.3	1 1.9
FLAXSEED	MIL. BU.	N.D. 3.1	S.D. 0.5	MINN. 0.2	-- --	-- --	-- --	-- --	-- --	-- --	-- --	2 0.5
SORGHUM FOR GRAIN	MIL. BU.	KANS. 184.8	TEXAS 135.2	NEBR. 107.8	MO. 42.6	ARK. 18.2	OKLA. 15.4	ILL. 14.6	S.D. 14.3	COLO. 10.3	LOUIS. 8.3	8 14.3
SOYBEANS FOR BEANS	MIL. BU.	ILL. 354.9	IOWA 323.9	MINN. 179.4	IND. 171.4	OHIO 135.7	MO. 124.5	ARK. 90.5	NEBR. 81.4	S.D. 53.8	KANS. 46.8	9 53.8
SUNFLOWER SEED	MIL. LBS.	N.D. 1541.3	S.D. 399.8	MINN. 226.0	KANS. 81.9	TEXAS 25.5	-- --	-- --	-- --	-- --	-- --	2 399.8
ALL HAY	MIL. TONS	WISC. 9.1	CALIF. 8.3	TEXAS 8.0	NEBR. 7.4	IOWA 7.1	MO. 6.9	MINN. 6.6	S.D. 6.3	KANS. 6.1	MICH. 5.3	8 6.3
ALFALFA HAY	MIL. TONS	WISC. 8.4	CALIF. 7.0	IOWA 6.4	MINN. 5.1	MICH. 4.9	NEBR. 4.8	S.D. 3.8	IDAHO 3.7	MONT. 3.4	KANS. 3.0	7 3.8
ALL OTHER HAY 1/	MIL. TONS	TEXAS 7.6	MO. 5.4	KY. 3.8	KANS. 3.1	TENN. 3.0	NEBR. 2.6	OKLA. 2.6	S.D. 2.5	PENN. 2.3	N.D. 2.2	8 2.5
POTATOES	MIL. CWT.	IDAHO 112.3	WASH. 68.0	WISC. 23.1	OREG. 23.0	COLO. 22.1	MAINE 20.5	N.D. 16.7	MINN. 14.3	MICH. 9.2	N.Y. 7.9	16 2.0

1/ INCLUDES WILD HAY.

LIVESTOCK ON HAND

ITEM	UNIT	1	2	3	4	5	6	7	8	9	10	S.D. RANK
JANUARY 1, 1991												
ALL CATTLE AND CALVES	000 HEAD	TEXAS 13,400	NEBR. 6,000	KANS. 5,700	OKLA. 5,550	CALIF. 4,750	IOWA 4,750	MO. 4,500	WISC. 4,170	S.D. 3,400	COLO. 2,800	9 3,400
BEEF COWS THAT HAVE CALVED	000 HEAD	TEXAS 5,360	MO. 2,040	OKLA. 1,870	NEBR. 1,827	S.D. 1,513	MONT. 1,428	KANS. 1,350	IOWA 1,163	KY. 1,100	FLA. 1,065	5 1,513
CATTLE ON FEED	000 HEAD	TEXAS 2,330	NEBR. 2,320	KANS. 1,760	IOWA 1,050	COLO. 1,005	CALIF. 440	ILL. 370	MINN. 345	OKLA. 330	S.D. 320	10 320
ALL SHEEP AND LAMBS	000 HEAD	TEXAS 2,000	CALIF. 1,015	WYO. 830	COLO. 710	MONT. 683	S.D. 640	UTAH 508	OREG. 466	IOWA 465	N.MEX. 462	6 640
DECEMBER 1, 1990												
ALL HOGS AND PIGS	000 HEAD	IOWA 14,000	ILL. 5,700	MINN. 4,500	IND. 4,300	NEBR. 4,300	MO. 2,800	N.C. 2,800	OHIO 2,000	S.D. 1,770	KANS. 1,500	9 1,770
CALF CROP - 1990	000 HEAD	TEXAS 5,000	MO. 2,070	WISC. 1,900	OKLA. 1,850	CALIF. 1,850	NEBR. 1,740	S.D. 1,650	MONT. 1,400	KANS. 1,370	IOWA 1,360	7 1,650

CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS-1989

ITEM	UNIT	1	2	3	4	5	6	7	8	9	10	S.D. RANK
CROPS	MIL. DOL.	CALIF. 12,422	FLA. 4,982	ILL. 4,458	IOWA 3,911	TEXAS 3,897	NEBR. 2,878	MINN. 2,809	IND. 2,502	WASH. 2,438	OHIO 2,114	29 884
LIVESTOCK & LVSTK. PRODUCTS	MIL. DOL.	TEXAS 6,863	NEBR. 5,643	IOWA 5,209	CALIF. 5,093	WISC. 4,337	KANS. 4,245	MINN. 3,716	ARK. 2,661	COLO. 2,649	PENN. 2,595	16 2,108
GOVERNMENT PAYMENTS	MIL. DOL.	TEXAS 1,249	IOWA 981	ILL. 726	MINN. 600	KANS. 588	NEBR. 542	WISC. 522	N.D. 475	ARK. 440	CALIF. 372	12 340
TOTAL	MIL. DOL.	CALIF. 17,887	TEXAS 12,009	IOWA 10,100	NEBR. 9,063	ILL. 7,436	MINN. 7,126	KANS. 6,912	FLA. 6,241	WISC. 5,800	IND. 4,652	20 3,332

NUMBER OF FARMS

NUMBER OF FARMS, AVERAGE SIZE OF FARM, AND LAND IN FARMS, SOUTH DAKOTA, 1965-1990

YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS	YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS
	THOUSANDS	ACRES	1,000 ACRES		THOUSANDS	ACRES	1,000 ACRES
1965	52.0	877	45,600	1980	38.5	1,169	45,000
1966	51.0	894	45,600	1981	38.0	1,176	44,700
1967	50.0	912	45,600	1982	37.5	1,187	44,500
1968	48.5	938	45,500	1983	37.0	1,203	44,500
1969	47.5	958	45,500	1984	37.0	1,203	44,500
1970	47.0	978	45,500	1985	36.5	1,219	44,500
1971	46.5	1,000	45,500	1986	36.0	1,236	44,500
1972	46.0	1,022	45,500	1987	35.5	1,248	44,300
1973	45.5	1,034	45,500	1988	35.0	1,266	44,300
1974	45.0	1,011	45,500	1989	35.0	1,266	44,300
1975	43.0	1,056	45,400	1990	35.0	1,266	44,300
1976	42.0	1,076	45,200				
1977	41.0	1,100	45,100				
1978	40.0	1,125	45,000				
1979	39.0	1,154	45,000				

NUMBER OF LIVESTOCK FARMS

SOUTH DAKOTA, 1985-1990

ITEM	1985	1986	1987	1988	1989	1990
	THOUSANDS					
ALL CATTLE	26.0	25.0	24.0	23.0	23.0	23.0
BEEF COWS	1/	20.0	19.0	18.5	18.5	18.5
MILK COWS	5.6	5.2	4.6	4.0	3.9	3.6
HOGS	9.0	8.0	7.5	8.0	8.0	8.0
ALL SHEEP	5.4	4.9	4.7	4.5	4.1	4.1

1/ NOT AVAILABLE.

CATTLE AND HOG OPERATIONS

Percent of Total, by Size Group, South Dakota, Selected Years

ALL CATTLE AND CALVES				
Year	1-49 Head	50-99 Head	100-499 Head	500+ Head
	Percent			
1986	29.6	22.8	42.8	4.8
1987	29.2	22.0	43.8	5.0
1988	29.0	23.0	43.0	5.0
1989	30.0	23.0	42.2	4.8

ALL HOGS AND PIGS				
Year	1-99 Head	100-499 Head	500-999 Head	1,000+ Head
	Percent			
1988	42.5	47.5	7.5	2.5
1989	42.0	49.0	6.5	2.5
1990	44.0	46.0	7.4	2.6

BEEF COWS			
Year	1-49 Head	50-99 Head	100+ Head
	Percent		
1986	52.0	23.0	25.0
1987	51.0	23.7	25.3
1988	51.0	23.0	26.0
1989	52.0	22.0	26.0

SOUTH DAKOTA
1990 CROP-WEATHER SUMMARY

General

Weather conditions were generally favorable over much of the State in 1990, although drought continued in the northwest and north central. Dry conditions in April and early May allowed for earlier than normal plantings. Heavy rains fell starting in mid-May and continued through June. Some low land flooding was reported. Winter seeded grain harvest began early in July. Generally, dry conditions in August, September, and October allowed for early harvest in much of the State. Small grains, as well as row crops, were harvested 2-3 weeks earlier than normal. Dry conditions late in the year caused stock water supplies to dwindle. By mid-November, 59% of the State was either short or critically short of stock water supplies.

January

Temperatures in January averaged above normal for the entire month. The high temperature for the month was 69° while the low was only -5°. Precipitation for the month was generally below normal. By the month's end, only the northwest and north central had measurable snow cover.

February

Temperatures continued to be above normal in February. Extreme temperatures were -27° and 68°. Precipitation continued below normal. Snow cover was limited to the Black Hills.

March

Above-normal temperatures continued in March. Extremes were -2° and 77°. The second week brought from .5 inch to 1.5 inches of precipitation to the southern portion of the State. The east, central, and west central received above normal precipitation the third week of March. By the end of the month, the north central, south central, and Black Hills had received above-normal precipitation for the year.

April

Temperatures ranged from 5° to 96° in April. Precipitation for the month was light until the final week of the month. The last week brought precipitation totals of over 2 inches at many locations across the State. Small grain seeding began early in the month and was nearly completed by the end of the month. Row crop planting was just starting at the end of April.

May

Temperatures were generally below normal in May. Frost damage was reported the first two weeks. Heavy rains began in the southeast and south central portion of the State the second week. By the end of the month, most of this area had a surplus of topsoil moisture. The north central and southwest remained short on topsoil moisture and the rest of the State was adequate. Army cutworms, tan spot, and wheat streak mosaic caused localized damage to winter wheat.

June

Temperatures were generally above normal in June. Rainfall was widespread and locally heavy. Localized hail damage and lowland flooding were reported. By June 23, only parts of the northwest and north central remained short of topsoil moisture. All crops were in mostly good to excellent condition at the end of the month. Grasshoppers were beginning to cause problems in some areas.

July

Hot, dry weather the first week of July helped crop development. Winter wheat harvest began the first week. Scattered and locally heavy rains slowed the harvest in some areas. By the end of the month 65% of the State reported adequate topsoil moisture. Crop conditions remained mostly good to excellent. Winter grain harvest progressed at a normal rate while spring seeded grain harvest progressed below the normal rate.

August

A dry first week of August allowed small grain harvest to progress rapidly. By August 5, 96% of the winter wheat was harvested. Dry conditions prevailed for the rest of the month over much of the State. Scattered thunderstorms brought heavy rains to some areas. By the end of August, 7% of the State had a surplus of topsoil moisture, 52% was adequate, 34% was short, and 7% was critically short. Small grain harvest was generally completed by the third week of August. Winter grain seeding had also begun by the end of the month. Row crops were in mostly good to fair condition.

September

Hot and dry conditions prevailed for the first two weeks in September. By the 14th, 17% of the State had adequate topsoil moisture, 54% was short, and 29% was critically short. Cooler temperatures and rain slowed crop progress and silage harvest during the third week of the month. Hot and dry temperatures returned the next week with the high temperature being 99°. By the end of the month, 79% of the corn silage was harvested. Soybean, sunflower, and grain sorghum harvest was also underway. Blackbirds were causing problems in some sunflower fields.

October

Row crop harvest continued in October. Favorable weather conditions allowed most row crops to be harvested by the month's end. Winter seeded grains were in mostly good to fair condition. The dry conditions that helped speed up the row crops harvest were not good news to livestock producers. Many producers reported hauling water, and dust was causing respiratory problems in cattle. Nearly 30% of the State reported very short stock water supplies.

November

Dry conditions continued into November. By the 17th of the month, 33% of the State had adequate topsoil moisture, 39% was short, and 28% was critically short. Subsoil moisture was 19% adequate, 53% short, and 28% critically short. Most of the State reported an adequate supply of feed.

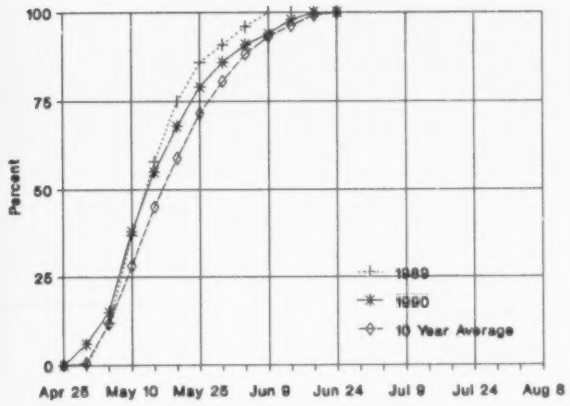
December

Temperatures averaged above normal for the first half of the month. Up to 12 inches of snow fell in eastern South Dakota but most melted within a few days. Temperatures turned frigid during the last half of the month. Temperatures dropped as low as -45°. Much of the State received snowfall, mostly under 6 inches.

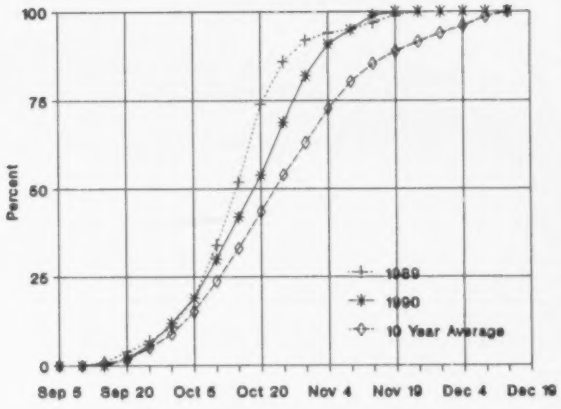
CROP WEATHER

PLANTING AND HARVESTING PROGRESS, SPECIFIED CROPS, SOUTH DAKOTA, 1989, 1990, AND AVERAGE

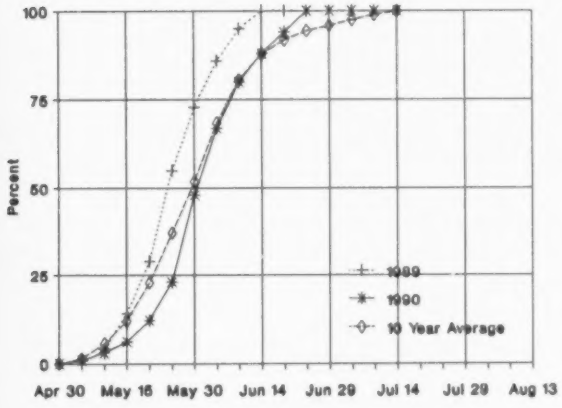
CORN - ACREAGE PLANTED



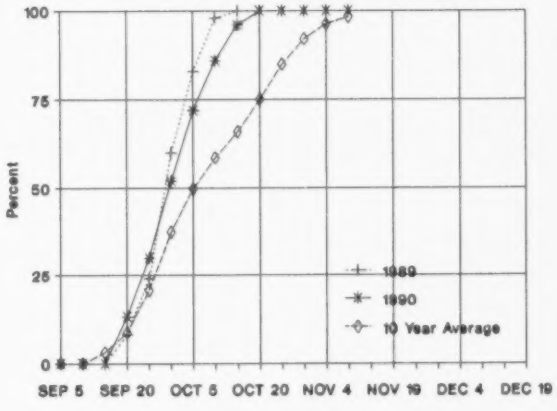
CORN - ACREAGE HARVESTED



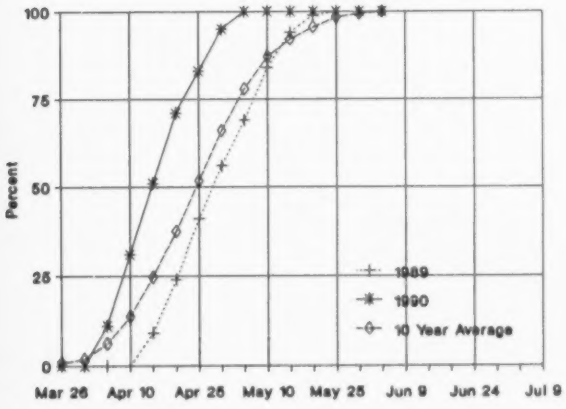
SOYBEANS - ACREAGE PLANTED



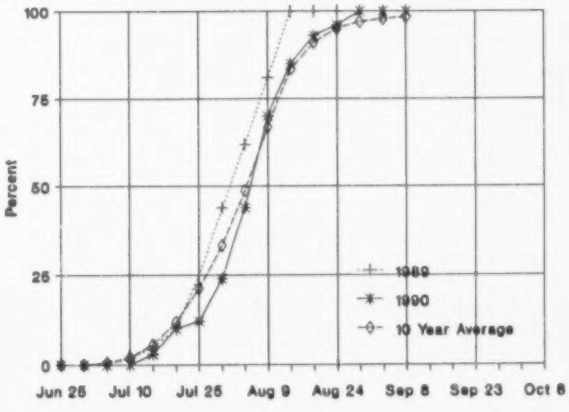
SOYBEANS - ACREAGE HARVESTED



SPRING WHEAT - ACREAGE PLANTED



SPRING WHEAT - ACREAGE HARVESTED



WEATHER DATA

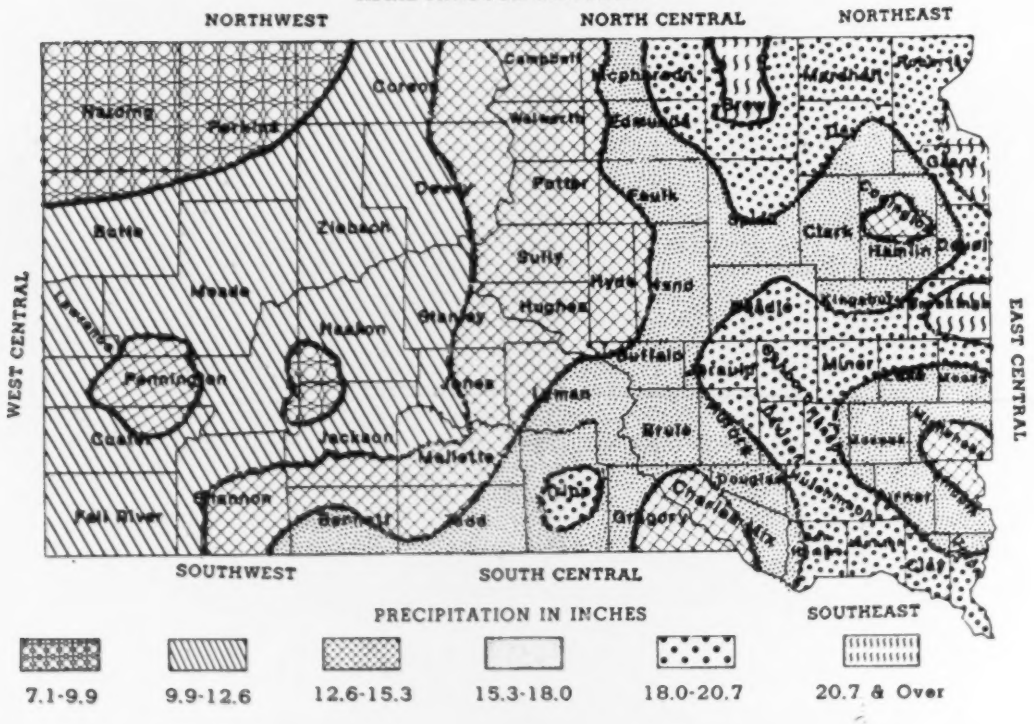
GROWING SEASON AND ANNUAL PRECIPITATION, 1989 - 1990

DIST.	STATION	PRECIPITATION, GROWING SEASON				ANNUAL PRECIPITATION			
		APRIL 9 - SEPT. 2 1989		APRIL 8 - SEPT. 4 1990		1989		1990	
		TOTAL	DEPARTURE FROM NORMAL	TOTAL	DEPARTURE FROM NORMAL	TOTAL	DEPARTURE FROM NORMAL	TOTAL	DEPARTURE FROM NORMAL
		INCHES							
NW	CAMP CROOK	12.45	+2.81	7.03	-2.61	16.64	+3.09	8.26	-5.29
	NEWELL	5.94	-4.11	9.36	-0.69	13.97	-0.42	12.05	-2.34
	LEMMON	11.46	-0.63	7.94	-4.15	19.97	+2.21	10.85	-6.91
	DUPREE	8.29	-2.71	10.65	-0.35	15.01	-0.31	12.94	-2.38
NC	MOBRIDGE	7.48	-3.88	11.30	-0.06	12.38	-4.72	14.59	-2.51
	FAULKTON	6.83	-5.51	14.25	+1.91	15.62	-2.37	17.85	-0.14
	ABERDEEN	11.54	-0.23	17.74	+5.97	18.55	+0.76	23.09	+5.30
NE	WAUBAY	13.02	+0.99	16.14	+4.11	19.97	-0.76	21.41	+0.94
	WATERTOWN	10.14	-4.63	13.39	-1.38	16.11	-6.22	18.53	-3.80
	MILBANK	14.11	+0.23	18.12	+4.24	20.70	-0.65	25.25	+3.90
WC	SPEARFISH	12.23	-1.05	10.20	-3.08	22.92	+1.86	14.37	-6.69
	RAPID CITY	5.89	-5.16	10.85	-0.22	13.51	-2.76	16.45	-1.69
	COTTONWOOD	4.36	-6.34	8.71	-1.99	12.28	-4.38	12.85	-3.81
	MILESVILLE	7.58	-4.01	9.35	-2.24	17.19	-0.15	12.62	-4.72
C	PIERRE	6.90	-5.33	12.13	-0.11	16.39	-1.69	16.44	-1.64
	HIGHMORE	10.41	-2.25	14.17	+1.51	17.04	-1.29	18.26	-0.07
	HURON	7.63	-4.31	18.77	+6.82	14.55	-4.11	21.97	+3.31
EC	MITCHELL	9.43	-4.28	17.19	+3.48	17.18	-3.91	23.16	+2.07
	BROOKINGS	13.88	-0.89	21.06	+6.29	20.32	-1.37	25.14	+3.45
	SIOUX FALLS	8.90	-5.88	13.73	-1.01	15.79	-8.33	19.20	-4.92
SW	OELRICHS	7.20	-3.74	10.08	-0.86	12.96	-3.39	14.55	-1.80
	MARTIN	5.38	-6.90	14.99	+2.71	11.36	-5.86	18.48	+1.26
SC	MURDO	6.07	-5.56	11.74	+0.11	14.57	-2.55	15.46	-1.66
	KENNEBEC	5.64	-6.13	15.23	+3.46	12.77	-4.19	18.75	+1.79
	WINNER	9.19	-5.38	17.23	+2.66	15.46	-6.74	22.99	+0.79
SE	PICKSTOWN	7.70	-6.28	15.12	+1.14	13.14	-8.23	19.59	-1.78
	YANKTON	12.89	-2.03	19.13	+4.21	16.93	-6.35	25.57	+2.29
	SX CITY, IA	11.90	-3.95	17.95	+2.12	19.39	-5.98	24.63	-0.74

WEATHER DATA

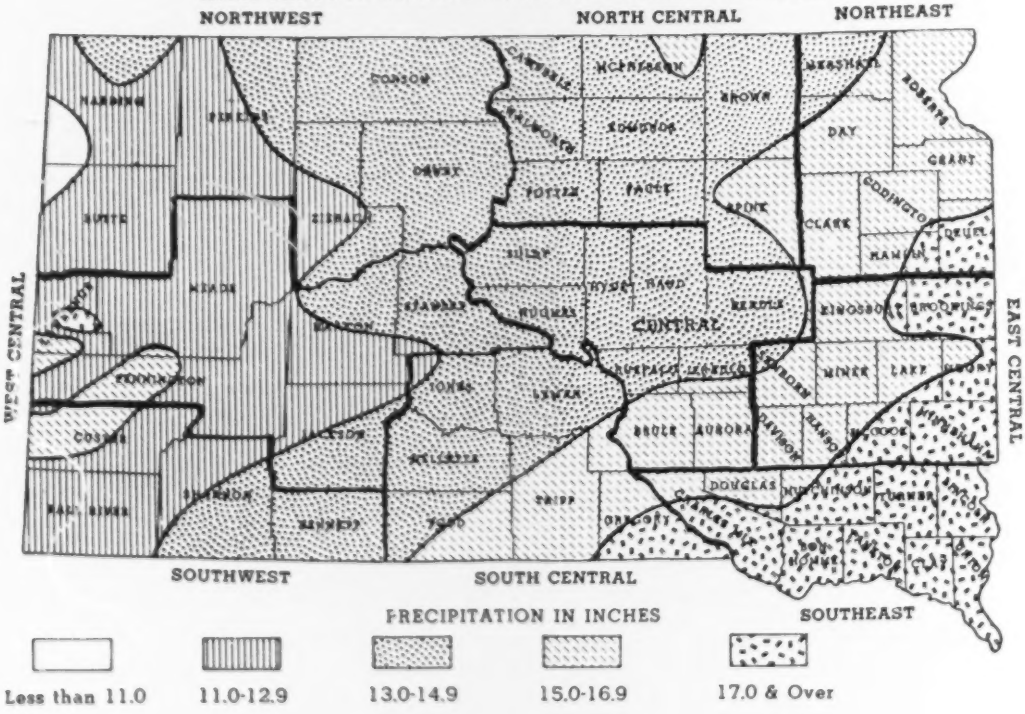
PRECIPITATION FOR 1990 CROP SEASON, SOUTH DAKOTA

APRIL THROUGH SEPTEMBER



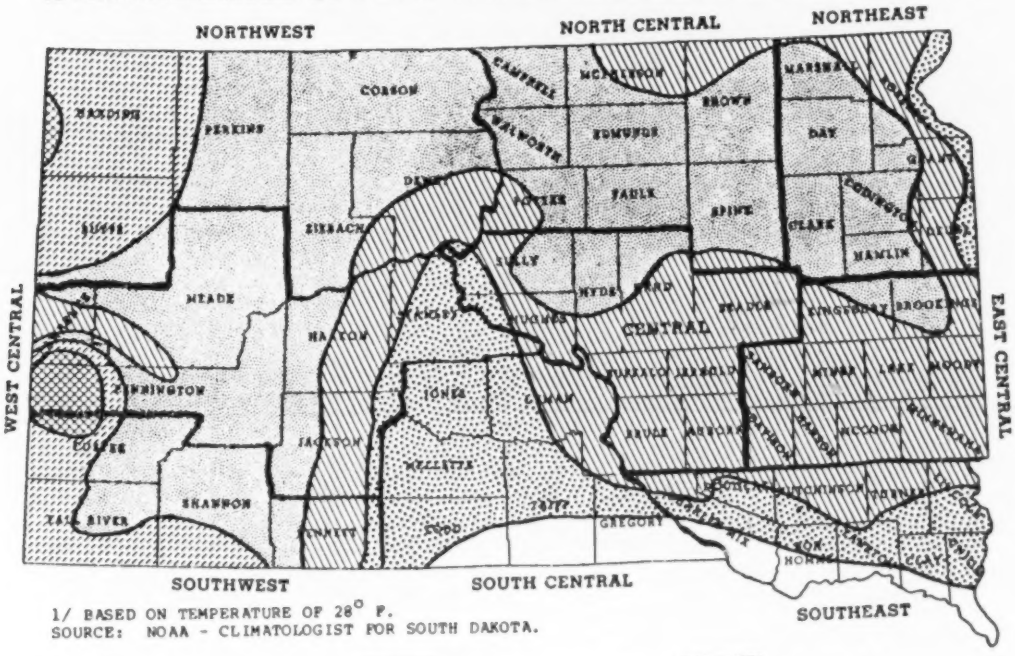
NORMAL GROWING SEASON PRECIPITATION, SOUTH DAKOTA

APRIL THROUGH SEPTEMBER (30 YEAR AVERAGE 1951-1980)



WEATHER DATA

AVERAGE DATES OF FIRST AUTUMN FREEZE, SOUTH DAKOTA 1/



1/ BASED ON TEMPERATURE OF 28° F.
SOURCE: NOAA - CLIMATOLOGIST FOR SOUTH DAKOTA.

Before Sept. 25
Sept. 25-29
Sept. 30-Oct. 4
Oct. 5-9
Oct. 10-14
Oct. 15 and after

AVERAGE DATES OF LAST SPRING FREEZE, SOUTH DAKOTA 1/

1/ BASED ON TEMPERATURE OF 28° F.
SOURCE: NOAA - CLIMATOLOGIST FOR SOUTH DAKOTA.

May 15 and after
May 10-14
May 5-9
April 30-May 4
April 25-29
Before April 25

1990 CROP PRODUCTION

SOUTH DAKOTA

South Dakota 1990 crop production increased for all major crops except corn silage and rye. Soybeans, other spring wheat and all wheat production set new record highs for the State. Soybean production was 53.76 million bushels, up nearly 5 million bushels from 1989. Corn for grain production in 1990 was up nearly 23% from last year and the largest grain production since 1985. Winter wheat production jumped 64% from 1989 and other spring wheat production was up 49% from last year's production. Oat and barley production was up 21% and 27% respectively from 1989. Sorghum production, at 14.3 million bushels, jumped 38% from last year. All sunflower production was up 64% from last year and the highest level since 1986.

Crop yields improved for all crops except rye and potatoes from 1989. Soybean yield of 28 bushels and corn for grain yield of 78 bushels an acre were the best yields since 1987. The grain sorghum yield for 1990 of 55 bushels per acre was a record high. The all sunflower seed yield was estimated at 1,355 pounds per acre, the second highest yield on record. Winter wheat and other spring wheat yields, at 36 and 32 bushels per acre respectively, were both up 10 bushels per acre from last year. Barley yield was 49 bushels per acre, the second highest yield on record.

Planted acres of principal crops were up 1% from 1989 at over 16.4 million acres, the highest since 1986. Soybean planted acres, at 1.95 million acres, set a new record high. Oat planted acres for 1990, at 1.25 million acres, set a new record low.

Harvested acres of the principal crops totaled 15.6 million acres, an increase of 2% from 1989. Soybean harvested acreage, at 1.92 million acres, set a new record high.

UNITED STATES

In early January, lack of snow cover continued to cause concern for winter wheat producers in the central and northern Great Plains, except for Montana, where snow cover was mostly good. Inadequate soil moisture stressed the wheat crop in the central and southern Great Plains.

In the first week of February, portions of the southern Great Plains received some moisture which improved winter wheat condition. Most of the central and northern Great Plains remained dry, but above-normal temperatures helped to maintain crop condition.

In early March, rain and above-normal temperatures continued to improve winter wheat condition in the central and southern Great Plains. The northern Great Plains remained dry.

The northern Great Plains and Pacific Northwest were dry during most of April but did receive some beneficial rains near the end of the month. Soil moisture was short or short to adequate in the northern Great Plains and most of the West. Corn planting lagged behind normal during the month. By the end of April, planting had started in portions of the Corn Belt. At the beginning of April, spring wheat seeding was underway in all five major producing States. The winter wheat crop condition improved during April, when favorable rain fell in the Northern Plains.

Rain slowed fieldwork in the Corn Belt and portions of the Delta during May. Soil moisture was mostly surplus to adequate in the Corn Belt at the end of May. Early in May, soybean planting was underway in all 19 major producing States, except Arkansas. Rain and wet field conditions slowed planting in the Corn Belt during the month. By the third week of May, spring wheat seeding was nearly complete in the five major producing States.

Early in June, rain and wet field conditions slowed row crop plantings in portions of the Corn Belt and Delta. Rain continued to slow planting in the Corn Belt throughout the month. By the end of June, soil moisture was adequate to surplus in the Corn Belt and adequate to short in the Great Plains. Soybean planting progressed slowly in the Corn Belt during June. Spring wheat was in mostly good condition at the end of June.

Early in July, hot, dry weather stressed crops in the central and southern Great Plains, Delta, and Southeast. Soil moisture was mostly adequate in the Corn Belt and adequate to short in the northern Great Plains. Crop development lagged behind normal in the Corn Belt. Spring wheat was in mostly good to fair condition in July. By the end of the month, harvest was underway in all five major producing States.

Early in August, beneficial rains fell in the central Great Plains and along the Atlantic Coast. Soil moisture was adequate in the Corn Belt. Soil moisture remained short in the northern Great Plains. Above-normal temperatures advanced crop development near the end of the month. Corn was in good to fair condition. Soybeans were in good to fair condition. Below-normal temperatures aided crop development early in the month. Sorghum condition was good to fair. Crop development lagged behind normal in the central Great Plains during the month. Spring wheat harvest was active during August.

By mid-September, general rains in the South Central, Central Plains, East Central, and the Northeast States slowed harvest but were beneficial to growing crops. By the end of the month, dry, warm weather in the Plains improved crop development. Corn was in mostly good to fair condition. Crop maturity and harvest lagged behind normal in most of the major producing States. Soybeans were in good to fair condition. Sorghum condition was fair to good.

The first week of October, scattered showers through the week had slowed or stopped harvest in most areas from southeastern Arizona, to the northern Mississippi Valley and through the Ohio Valley. By mid-month, dry weather and below-average temperatures in the Great Plains and the West aided crop maturity and allowed harvest to progress rapidly. The last week of October, corn harvest was 64% complete, 6 points behind normal. Soybean harvest was 72% complete, 1 point ahead of normal.

Early in November, ideal harvest weather prevailed over most of the Nation with harvest in the eastern Corn Belt progressing rapidly. Dry conditions prevailed in the northern Plains and much of the West. At the beginning of November, soybean harvest was 84% complete, 4 points ahead of normal. By the end of the month, harvest was virtually complete.

CROP SUMMARY

ACRES PLANTED, HARVESTED, YIELD, AND PRODUCTION, SOUTH DAKOTA AND UNITED STATES, 1989-1990

CROP	ACRES PLANTED		ACRES HARVESTED		UNIT	YIELD PER ACRE		PRODUCTION	
	1989	1990	1989	1990		1989	1990	1989	1990
	1,000 ACRES							1,000	
SOUTH DAKOTA									
WHEAT, ALL	3,930	4,140	3,520	3,789	BU.	23.6	33.8	83,080	128,004
WINTER	1,600	1,850	1,350	1,600	BU.	26.0	36.0	35,100	57,600
DURUM	130	90	120	89	BU.	24.0	36.0	2,880	3,204
OTHER SPRING	2,200	2,200	2,050	2,100	BU.	22.0	32.0	45,100	67,200
CORN	3,400	3,400	--	--		--	--	--	--
FOR GRAIN	--	--	2,650	3,000	BU.	72.0	78.0	190,800	234,000
FOR SILAGE	--	--	690	375	TONS	5.0	6.2	3,450	2,325
SORGHUM	460	500	--	--		--	--	--	--
FOR GRAIN	--	--	260	260	BU.	40.0	55.0	10,400	14,300
FOR SILAGE	--	--	100	175	TONS	6.0	8.0	600	1,400
OATS	1,450	1,250	1,100	950	BU.	40.0	56.0	44,000	53,200
BARLEY	650	550	550	500	BU.	35.0	49.0	19,250	24,500
RYE	100	60	90	55	BU.	36.0	34.0	3,240	1,870
FLAXSEED	15	25	14	24	BU.	10.0	19.0	140	456
POTATOES (FALL)	10.0	9.0	9.0	9.0	CWT.	220	220	1,980	1,980
SOYBEANS	1,900	1,950	1,880	1,920	BU.	26.0	28.0	48,880	53,760
HAY, ALL	--	--	4,100	4,200	TONS	1.05	1.50	4,290	6,300
ALFALFA HAY	--	--	2,000	2,100	TONS	1.20	1.80	2,400	3,780
ALL OTHER HAY	--	--	2,100	2,100	TONS	0.90	1.20	1,890	2,520
SUNFLOWER, ALL	260	300	247	295	LBS.	989	1,355	224,300	399,750
SUNFLOWER, OIL	253	285	240	280	LBS.	980	1,350	235,200	378,000
SUNFLOWER, NON-OIL	7	15	7	15	LBS.	1,300	1,450	9,100	21,750
UNITED STATES									
WHEAT, ALL	76,615	77,286	62,189	69,353	BU.	32.7	39.5	2,036,618	2,738,594
WINTER	55,091	56,998	41,509	49,976	BU.	35.0	40.7	1,454,642	2,033,299
DURUM	3,791	3,565	3,673	3,502	BU.	25.1	34.9	92,229	122,171
OTHER SPRING	17,733	16,723	17,007	15,875	BU.	28.8	36.7	489,747	583,124
CORN	72,221	74,171	--	--		--	--	--	--
FOR GRAIN	--	--	64,703	66,952	BU.	116.3	118.5	7,525,493	7,933,068
FOR SILAGE	--	--	6,606	6,124	TONS	13.0	14.2	86,109	86,844
SORGHUM	12,642	10,535	--	--		--	--	--	--
FOR GRAIN	--	--	11,103	9,079	BU.	55.4	62.9	615,420	571,483
FOR SILAGE	--	--	541	537	TONS	10.4	10.2	5,647	5,480
OATS	12,085	10,423	6,882	5,940	BU.	54.3	60.1	373,587	357,149
BARLEY	9,125	8,201	8,313	7,499	BU.	48.6	55.9	404,203	418,856
RYE	2,014	1,625	484	373	BU.	28.2	27.1	13,647	10,098
FLAXSEED	195	260	163	253	BU.	7.5	15.1	1,215	3,812
POTATOES (FALL)	1,102.4	1,175.0	1,086.0	1,154.5	CWT.	299	298	324,673	344,317
SOYBEANS	60,820	57,795	59,538	56,502	BU.	32.3	34.0	1,923,666	1,921,787
HAY, ALL	--	--	63,300	61,557	TONS	2.30	2.39	145,212	146,985
ALFALFA HAY	--	--	25,944	25,401	TONS	2.98	3.29	77,370	83,555
ALL OTHER HAY	--	--	37,356	36,156	TONS	1.82	1.75	68,142	63,430
SUNFLOWER, ALL	1,840	1,905	1,786	1,851	LBS.	985	1,229	1,759,760	2,274,405
SUNFLOWER, OIL	1,411	1,390	1,373	1,343	LBS.	988	1,205	1,356,300	1,618,450
SUNFLOWER, NON-OIL	429	515	413	508	LBS.	977	1,291	403,460	655,955

[ ] = RECORD LOW. [ ] = RECORD HIGH.

SOUTH DAKOTA

CROP RECORD HIGHS AND LOWS

ITEM	UNIT	RECORD HIGH		RECORD LOW		YEAR ESTIMATE STARTED
		QUANTITY	MO/YEAR 1/	QUANTITY	MO/YEAR 1/	
ALL CORN						
PLANTED	ACRES	5,500,000	1931	2,450,000	1983	1924
HARVESTED	ACRES	5,146,000	1930	179,000	1882	1882
CORN FOR GRAIN						
HARVESTED	ACRES	3,784,000	1927	447,000	1936	1919
YIELD	BU.	84.0	1985	7.0	1936	1919
PRODUCTION	BU.	252,000,000	1985	3,129,000	1936	1919
PRICE	$/BU.	3.33	SEP. 1974	0.10	OCT. 1932	1908
ALL STOCKS	BU.	281,491,000	DEC. 1987	4,276,000	OCT. 1948	1945
ALL WHEAT						
PLANTED	ACRES	4,359,000	1949	1,895,000	1970	1926
HARVESTED	ACRES	4,079,000	1949	106,000	1879	1879
YIELD	BU.	34.4	1984	4.3	1933	1879
PRODUCTION	BU.	128,004,000	1990	636,000	1879	1879
PRICE	$/BU.	5.38	FEB. 1974	0.26	FEB. 1933	1908
ALL STOCKS	BU.	166,978,000	OCT. 1985	3,679,000	JULY 1946	1945
BARLEY						
PLANTED	ACRES	2,496,000	1942	222,000	1965	1924
HARVESTED	ACRES	2,328,000	1942	13,000	1882	1882
YIELD	BU.	51.0	1984	4.50	1894	1882
PRODUCTION	BU.	59,364,000	1942	292,000	1882	1882
PRICE	$/BU.	3.18	AUG 1988	0.11	OCT. 1932	1908
ALL STOCKS	BU.	38,858,000	OCT. 1985	2,413,000	JULY 1956	1945
FLAXSEED						
PLANTED	ACRES	1,023,000	1954	15,000	1989	1920
HARVESTED	ACRES	988,000	1954	14,000	1989	1889
YIELD	BU.	19.0	1990	2.50	1936	1889
PRODUCTION	BU.	9,063,000	1969	35,000	1934	1889
PRICE	$/BU.	10.80	AUG. 1974	0.74	AUG. 1932	1908
ALL STOCKS	BU.	7,638,000	OCT. 1969	55,000	JUNE 1990	1948
OATS						
PLANTED	ACRES	4,095,000	1954	1,250,000	1990	1924
HARVESTED	ACRES	3,992,000	1954	83,000	1882	1882
YIELD	BU.	58.0	1982	7.5	1894	1882
PRODUCTION	BU.	143,377,000	1945	2,573,000	1882	1882
PRICE	$/BU.	2.88	JUNE 1988	0.075	OCT. 1932	1908
ALL STOCKS	BU.	159,004,000	OCT. 1971	11,617,000	JUNE 1989	1945
RYE						
PLANTED	ACRES	1,205,000	1939	60,000	1990	1924
HARVESTED	ACRES	816,000	1942	4,000	1886	1882
YIELD	BU.	40.0	1984	3.5	1934	1882
PRODUCTION	BU.	12,648,000	1942	46,000	1886	1882
MARKETING YEAR AVERAGE PRICE	$/BU.	3.00	1981	0.13	JULY 1932	1908
ALL STOCKS	BU.	15,345,000	OCT. 1972	44,000	JULY 1946	1945
SOYBEANS						
PLANTED	ACRES	1,950,000	1990	2,000	1939	1939
HARVESTED	ACRES	1,920,000	1990	1,000	1940	1940
YIELD	BU.	33.0	1979	11.5	1958	1940
PRODUCTION	BU.	53,760,000	1990	12,000	1940	1940
PRICE	$/BU.	9.50	JUNE 1973	0.75	OCT. 1940	1940
ALL STOCKS	BU.	36,842,000	DEC. 1987	15,000	OCT. 1949	1949
ALL SORGHUM						
PLANTED	ACRES	1,345,000	1940	10,000	1931	1924
HARVESTED	ACRES	1,256,000	1941	10,000	1931	1929
SORGHUM FOR GRAIN						
HARVESTED	ACRES	455,000	1981	4,000	1936	1934
YIELD	BU.	55.0	1990	6.5	1936	1934
PRODUCTION	BU.	19,565,000	1981	26,000	1936	1934
PRICE	$/CWT	5.42	NOV. 1974	0.63	NOV. 1938	1933
ALL STOCKS	BU.	20,460,000	JAN. 1979	11,000	OCT. 1952	1950
ALL SUNFLOWER						
PLANTED	ACRES	625,000	1982	42,000	1972	1972
HARVESTED	ACRES	623,000	1982	39,000	1972	1972
YIELD	LBS.	1,377	1986	676	1975	1972
PRODUCTION	LBS.	756,300,000	1979	40,170,000	1972	1972
MARKETING YEAR AVERAGE PRICE	$/CWT	17.50	1974	4.60	1972	1972

1/ IN CASE OF A TIE, THE MOST RECENT YEAR WAS USED. = CURRENT YEAR RECORDS.

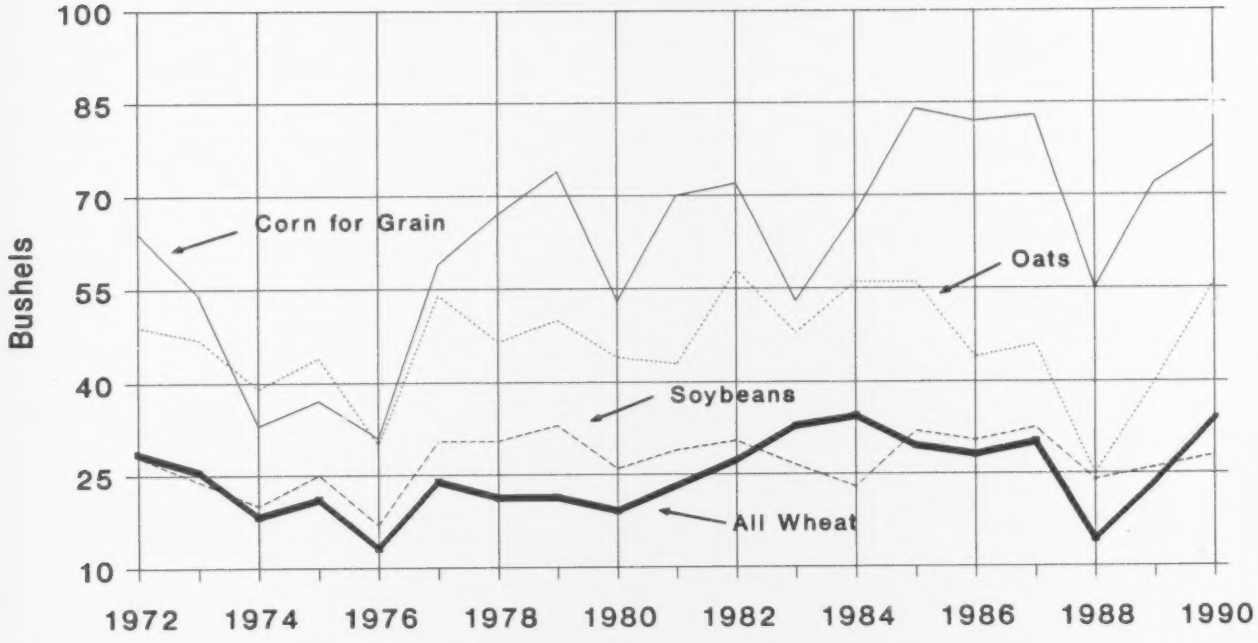
SOUTH DAKOTA RANK OF COUNTIES

1990 CROP PRODUCTION

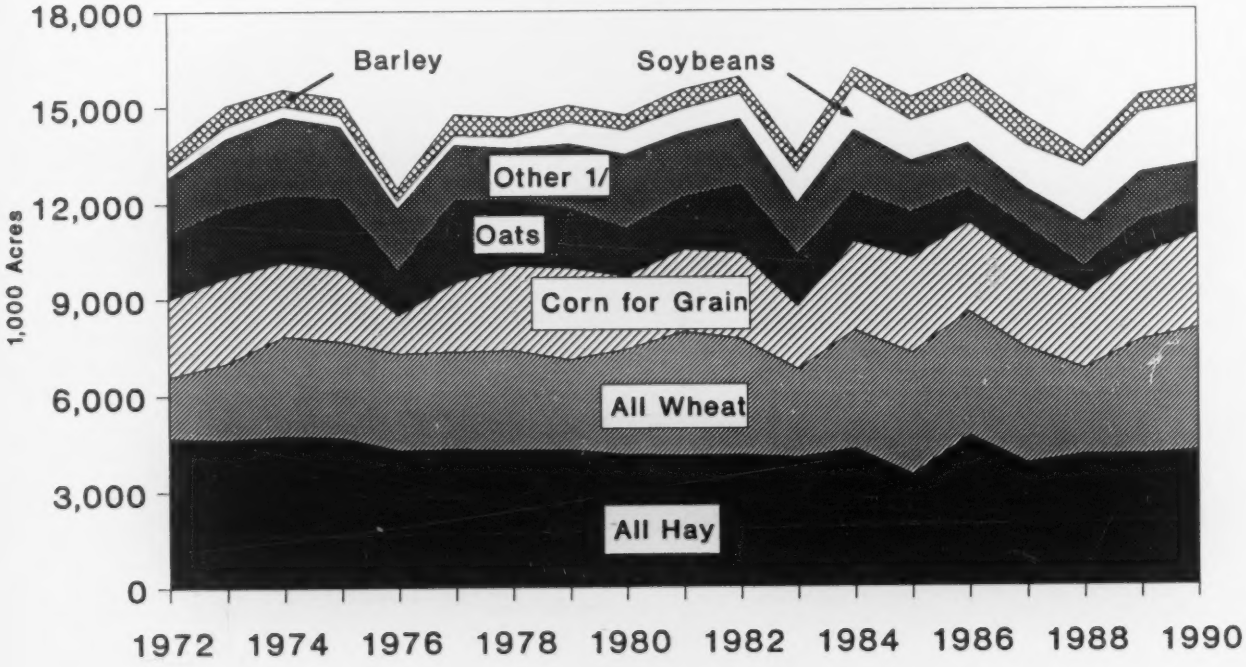
COUNTY	CORN	ALL WHEAT	OATS	BARLEY	RYE	FLAXSEED	SOYBEANS	SORGHUM	SUNFLOWER
Butte	41	53	49	36	--	--	--	51	--
Corson	56	36	53	39	20	16	--	52	36
Dewey	54	37	60	51	--	--	--	40	26
Harding	64	46	59	47	18	--	--	53	--
Perkins	57	24	52	16	--	--	--	48	34
Ziebach	66	35	64	49	--	--	--	47	33
Brown	7	1	23	1	6	4	14	28	5
Campbell	50	42	45	31	--	--	--	44	40
Edmunds	44	6	10	4	2	7	36	32	6
Faulk	40	10	20	6	1	--	34	15	7
McPherson	51	27	24	10	11	15	--	41	27
Potter	38	7	11	8	15	8	--	37	11
Spink	9	2	19	5	3	--	13	10	1
Walworth	42	20	33	20	--	14	40	39	15
Clark	25	12	6	18	8	3	24	34	19
Codington	24	19	2	11	4	1	18	50	30
Day	35	4	13	3	5	2	25	49	10
Deuel	18	34	1	29	10	--	17	--	--
Grant	21	18	21	22	7	13	10	--	29
Hamlin	15	25	4	14	12	10	16	36	--
Marshall	20	8	34	9	14	--	30	42	8
Roberts	16	5	30	2	9	11	6	45	12
Haakon	58	13	58	54	--	--	--	17	--
Jackson	65	29	65	55	--	--	--	--	--
Lawrence	60	64	66	--	--	--	--	--	--
Meade	53	22	46	42	--	--	--	29	--
Pennington	63	28	48	52	--	--	--	27	--
Stanley	49	19	57	--	--	--	--	12	32
Aurora	30	40	14	17	--	--	29	9	21
Beadle	11	11	9	12	--	--	28	16	2
Brule	26	30	26	33	--	--	31	5	24
Buffalo	47	49	50	35	--	--	--	25	28
Hand	34	9	31	7	16	--	35	14	4
Hughes	37	15	44	41	--	--	38	26	13
Hyde	48	32	38	21	--	--	--	24	14
Jerauld	39	38	41	25	--	--	39	23	20
Sully	33	3	42	34	--	--	37	19	3
Brookings	3	41	3	27	13	9	7	--	--
Davison	28	47	7	26	--	--	22	30	23
Hanson	23	55	12	23	--	--	23	22	--
Kingsbury	14	26	18	15	17	5	20	43	9
Lake	8	44	29	19	--	12	12	--	37
McCook	13	58	25	24	--	--	11	11	--
Miner	27	45	28	13	--	6	26	35	17
Minnehaha	1	57	27	48	--	--	5	33	--
Moody	5	56	35	45	--	--	3	--	--
Sanborn	29	52	36	37	21	--	33	18	31
Bennett	46	21	56	--	--	--	--	38	38
Custer	61	59	61	53	--	--	--	--	--
Fall River	52	51	63	--	--	--	--	46	--
Shannon	59	39	62	46	--	--	--	--	--
Gregory	31	43	8	40	--	--	32	4	16
Jones	62	23	55	--	--	--	--	7	--
Lyman	43	17	47	--	--	--	--	3	22
Mellette	55	33	54	--	--	--	--	8	--
Todd	45	54	51	50	--	--	42	13	39
Tripp	36	16	16	38	--	--	41	2	18
Bon Homme	22	60	22	43	19	--	19	21	--
Charles Mix	17	31	5	32	--	--	21	1	25
Clay	12	63	43	--	--	--	8	--	--
Douglas	32	48	17	28	--	--	27	6	35
Hutchinson	10	50	15	30	--	--	9	20	--
Lincoln	2	--	40	--	--	--	1	--	--
Turner	6	62	32	44	--	--	2	--	--
Union	4	61	39	--	--	--	4	--	--
Yankton	19	65	37	--	--	--	15	31	--

PRINCIPAL CROPS

YIELD PER ACRE, SOUTH DAKOTA, 1972-1990



HARVESTED ACRES, SOUTH DAKOTA, 1972-1990



1/ INCLUDES FLAXSEED, RYE, ALL SUNFLOWER, CORN FOR SILAGE, SORGHUM FOR GRAIN AND SILAGE, AND POTATOES.

GRAIN STOCKS

STOCKS OF GRAIN, QUARTERLY, SOUTH DAKOTA 1988-1991

ALL WHEAT, BARLEY, OATS, RYE, AND FLAXSEED

YEAR	OFF FARM STOCKS 1/				TOTAL STOCKS IN ALL POSITIONS 2/			
	PREVIOUS		MARCH 1	JUNE 1	PREVIOUS		MARCH 1	JUNE 1
	SEPTEMBER 1	DECEMBER 1			SEPTEMBER 1	DECEMBER 1		
	1,000 BUSHELS							
WHEAT								
1988	38,135	33,786	28,459	19,208	143,135	123,786	108,459	74,208
1989	22,143	19,275	14,873	9,012	85,143	69,275	60,873	37,012
1990	22,967	19,917	14,093	6,812	90,967	74,917	52,093	25,812
1991	29,762	20,338	15,874		114,762	84,338	64,874	
BARLEY								
1988	3/	3/	3/	7,792	3/	3/	3/	24,792
1989	8,296	7,212	7,029	6,445	25,296	21,212	15,729	12,645
1990	7,469	6,936	6,939	5,289	23,469	19,936	13,839	9,289
1991	5,576	4,670	4,477		23,076	18,670	12,077	
OATS								
1988	3/	3/	3/	1,536	3/	3/	3/	13,536
1989	3/	3/	3/	1,617	3/	3/	3/	11,617
1990	3/	3/	2,788	2,248	3/	3/	19,788	13,248
1991	6,126	3,157	3,224		41,126	32,157	25,224	
RYE								
1988	3/	3/	3/	3,503	3/	3/	3/	5,503
1989	3/	3/	3/	2,146	3/	3/	3/	3,346
1990	3/	3/	3/	221	3/	3/	3/	721
1991	3/	3/	3/		3/	3/	3/	
FLAXSEED								
1988	3/	3/	3/	18	3/	3/	3/	418
1989	3/	3/	3/	10	3/	3/	3/	110
1990	3/	3/	3/	5	3/	3/	3/	55
1991	3/	3/	3/		3/	3/	3/	

CORN, SOYBEANS, AND SORGHUM

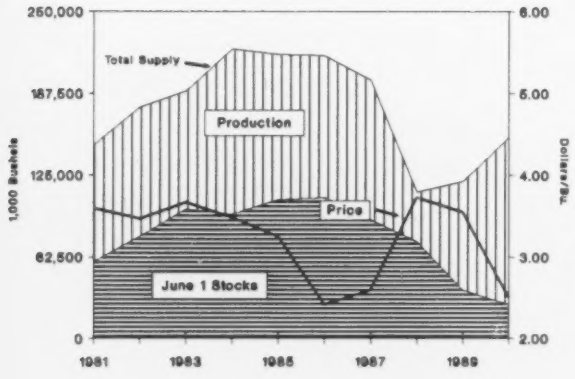
YEAR	OFF-FARM STOCKS 1/				TOTAL STOCKS IN ALL POSITIONS 2/			
	PREVIOUS DECEMBER 1	MARCH 1	JUNE 1	SEPTEMBER 1	PREVIOUS DECEMBER 1	MARCH 1	JUNE 1	SEPTEMBER 1
	1,000 BUSHELS							
CORN								
1988	51,491	38,638	31,495	26,998	281,491	198,638	161,495	119,998
1989	31,504	20,147	15,993	15,016	186,504	152,147	90,993	55,016
1990	38,948	23,447	13,766	6,671	178,948	113,447	73,766	39,671
1991	22,879	18,530			192,879	123,530		
SOYBEANS								
1988	9,842	3,784	2,279	1,063	36,842	22,784	11,279	4,063
1989	6,790	4,031	2,226	1,102	27,790	19,031	12,226	4,602
1990	7,250	3,490	1,716	863	28,250	17,490	11,716	4,863
1991	7,894	5,567			30,894	22,567		
SORGHUM								
1988	3/	3/	4,208	4,600	3/	3/	11,208	9,600
1989	3/	3/	3,100	2,700	3/	3/	8,100	6,700
1990	3/	4,000	1,800	1,700	3/	7,800	4,800	3,200
1991	2,920	3,200			9,920	5,120		

1/ INCLUDES STOCKS IN INTERIOR MILLS, ELEVATORS AND WAREHOUSES, COMMERCIAL STOCKS AT TERMINALS, AND STOCKS OWNED BY THE COMMODITY CREDIT CORPORATION. 2/ OFF-FARM PLUS FARM STOCKS. 3/ NOT AVAILABLE.

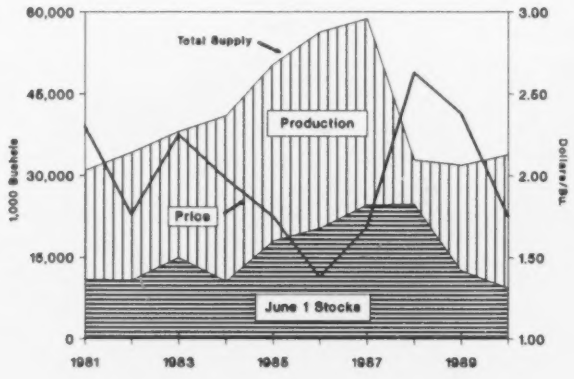
GRAIN STOCKS

ENDING STOCKS, PRODUCTION, AND MARKETING YEAR AVERAGE PRICE, SOUTH DAKOTA, 1981-1990

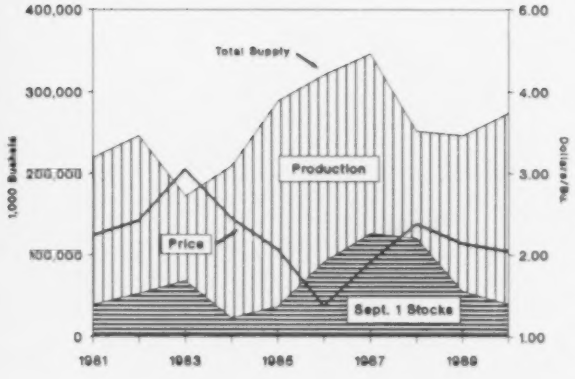
ALL WHEAT



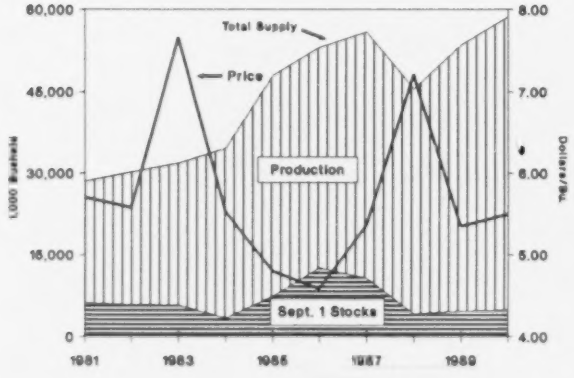
BARLEY



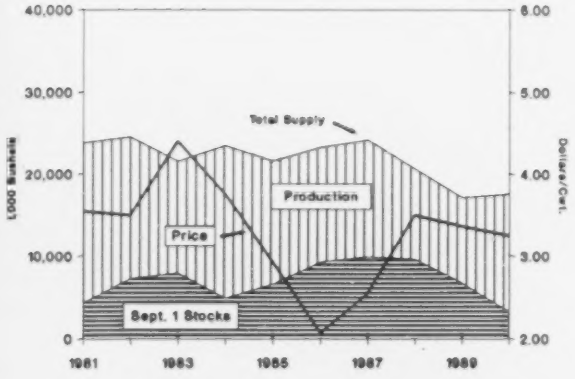
CORN



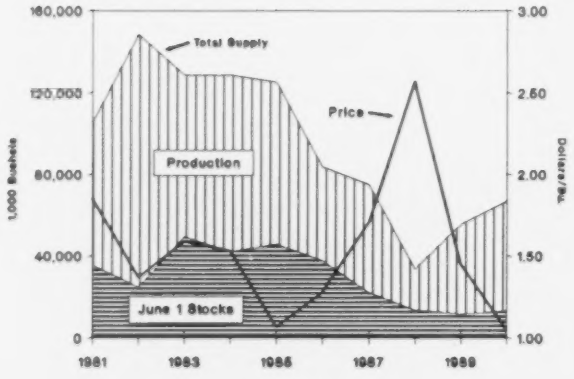
SOYBEANS



SORGHUM



OATS



SOUTH DAKOTA STORAGE AND CROP MARKETINGS

NUMBER OF FACILITIES AND RATED OFF-FARM STORAGE CAPACITIES 1/

YEAR	NUMBER OF FACILITIES 2/	OFF-FARM CAPACITY
		1,000 BUSHELS
1978	386	83,820
1979	384	85,560
1980	385	90,560
1981	388	93,020
1982	386	91,980
1983	373	99,180
1984	352	101,330
1985	360	108,630
1986 (JAN)	335	108,380
1986 (DEC)	340	118,230
1987	343	136,220
1988	332	127,530
1989	328	127,380
1990	315	125,210

1/ ANNUAL ESTIMATE CHANGED FROM JANUARY 1 TO DECEMBER 1 IN 1986. 2/ ONE FACILITY MAY INCLUDE SEVERAL ELEVATORS, BUT RECORDS ARE MAINTAINED AT ONE CENTRAL LOCATION.

SOUTH DAKOTA CROP MARKETINGS: PERCENT OF CROP MARKETED, BY MONTH, 1988-1990

MONTH	ALL HAY		ALL WHEAT		OATS		SOYBEANS		CORN	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
JUNE	16	9								
JULY	7	14	17	14	50	35				
AUG.	5	5	7	20	7	16				
SEPT.	7	15	7	5	4	4	17	16		
OCT.	9	17	5	5	6	2	28	35	19	30
NOV.	7	6	6	6	2	3	4	4	12	12
DEC.	8	5	7	12	4	8	4	6	9	10
JAN.	6	7	9	9	5	8	6	8	11	10
FEB.	5	5	6	4	2	4	2	7	8	5
MARCH	14	8	11	4	7	6	9	7	6	7
APRIL	9	6	8	6	5	3	7	5	5	5
MAY	7	3	11	8	4	6	4	4	6	5
JUNE			6	7	4	5	8	3	6	5
JULY							5	3	4	4
AUG.							6	2	7	4
SEPT.									7	3

COST OF PRODUCTION

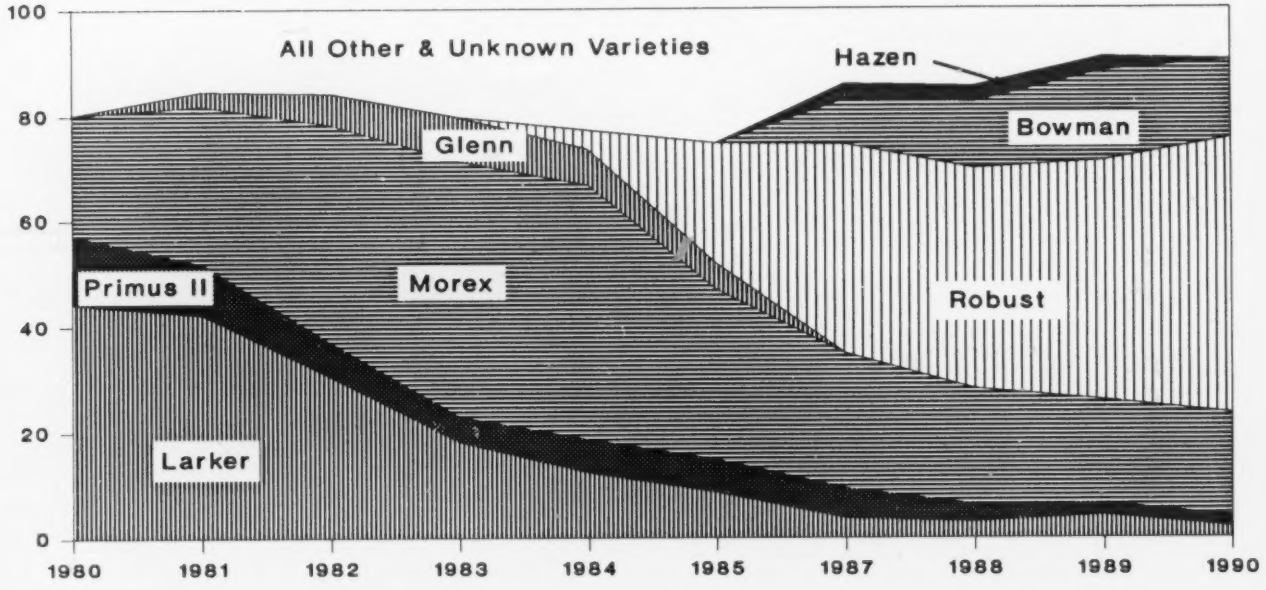
CORN, ALL WHEAT, AND OATS PRODUCTION COSTS, 1987-1989 1/ 2/

ITEM	CORN-GREAT PLAINS			ALL WHEAT-NORTHERN PLAINS			OATS-NORTHERN PLAINS		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
	DOLLARS PER PLANTED ACRE								
GROSS VALUE OF PRODUCTION (EXCLUDING DIRECT GOVERNMENT PAYMENTS):									
PRIMARY CROP	183.27	274.62	235.64	75.46	47.99	88.38	63.11	72.03	55.38
SECONDARY CROP	--	--	--	1.55	2.77	2.39	3.24	5.59	5.20
TOTAL	183.27	274.62	235.64	77.01	50.76	90.77	66.35	77.62	60.58
CASH EXPENSES:									
SEED	17.81	17.83	20.06	5.82	6.19	7.51	5.00	6.17	7.18
FERTILIZER	23.02	26.24	29.37	9.58	10.87	11.39	6.86	7.22	8.18
LIME AND GYPSUM	0.32	0.32	0.32	--	--	--	--	--	--
CHEMICALS	13.89	14.12	14.80	4.29	4.35	4.57	0.88	0.95	1.03
CUSTOM OPERATIONS	5.13	4.97	5.57	3.57	2.21	3.30	2.75	3.14	2.57
FUEL, LUBE, AND ELECTRICITY	20.30	21.78	23.00	5.10	4.57	5.37	4.02	4.02	4.44
REPAIRS	11.89	12.49	12.95	5.83	5.27	6.45	4.76	4.98	5.64
HIRED LABOR	9.51	9.86	10.71	1.93	1.77	2.10	6.87	6.61	8.39
PURCHASED IRRIGATION WATER	1.11	1.15	1.14	--	--	--	--	--	--
DRYING	7.96	7.40	7.22	--	--	--	--	--	--
TECHNICAL SERVICES	0.44	0.46	0.47	0.04	0.04	0.04	--	--	--
TOTAL, VARIABLE CASH EXPENSES	111.38	116.62	125.61	36.16	35.27	40.73	31.14	33.09	37.43
GENERAL FARM OVERHEAD	8.00	8.51	8.21	6.24	3.83	8.62	2.19	2.19	2.13
TAXES AND INSURANCE	10.02	10.06	10.87	7.43	6.78	7.82	6.81	7.26	7.06
INTEREST ON OPERATING LOANS	5.59	4.99	5.21	3.37	2.00	4.78	1.07	1.06	1.13
INTEREST ON REAL ESTATE	6.61	6.13	6.23	7.69	3.82	8.26	1.49	1.59	1.60
TOTAL, FIXED CASH EXPENSES	30.22	29.69	30.52	24.73	16.43	29.48	11.56	12.10	11.92
TOTAL, CASH EXPENSES	141.60	146.31	156.13	60.89	51.70	70.21	42.70	45.19	49.35
VALUE OF PRODUCTION LESS CASH EXPENSES (EXCLUDING DIRECT GOVERNMENT PAYMENTS)	41.67	128.31	79.51	16.12	-0.94	20.56	23.65	32.43	11.23
CAPITAL REPLACEMENT	29.46	30.92	32.81	21.79	20.06	24.67	15.21	15.92	18.07
VALUE OF PRODUCTION LESS CASH EXPENSES AND CAPITAL REPLACEMENT (EXCLUDING DIRECT GOVERNMENT PAYMENTS)	12.21	97.39	46.70	-5.67	-21.00	-4.11	8.44	16.51	-6.84
ECONOMIC (FULL OWNERSHIP) COSTS:									
VARIABLE CASH EXPENSES	111.38	116.62	125.61	36.16	35.27	40.73	31.14	33.09	37.43
GENERAL FARM OVERHEAD	8.00	8.51	8.21	6.24	3.83	8.62	2.19	2.19	2.13
TAXES AND INSURANCE	10.02	10.06	10.87	7.43	6.78	7.82	6.81	7.26	7.06
CAPITAL REPLACEMENT	29.46	30.92	32.81	21.79	20.06	24.67	15.21	15.92	18.07
ALLOCATED RETURNS TO OWNED INPUTS:									
RETURN TO OPERATING CAPITAL 3/	2.64	3.20	4.02	0.61	0.74	0.95	0.46	0.56	0.74
RETURN TO OTHER NONLAND CAPITAL 4/	5.47	6.59	7.63	3.95	4.08	5.63	2.81	3.44	4.31
NET LAND RETURN 5/	49.41	77.94	63.75	27.81	24.60	30.98	18.80	23.36	18.46
UNPAID LABOR	17.70	19.05	20.36	4.29	3.95	4.69	6.06	7.10	6.96
TOTAL, ECONOMIC COSTS	234.08	272.89	273.26	108.28	99.31	124.09	83.48	92.92	95.16
RESIDUAL RETURNS TO MANAGEMENT AND RISK 6/ (EXCLUDING DIRECT GOVERNMENT PAYMENTS):	-50.81	1.73	-37.62	-31.27	-48.55	-33.32	-17.13	-15.30	-34.58
HARVEST-PERIOD PRICE (DOLLARS/BU.)	1.59	2.60	2.21	2.45	3.82	3.68	1.32	2.66	1.48
YIELD (BU./PLANTED ACRE)	115.23	105.50	106.57	30.81	12.56	24.04	47.97	27.07	37.35

1/ INFORMATION OBTAINED FROM THE FARM COSTS AND RETURNS SURVEY WHICH WAS PART OF A NATIONAL SURVEY THAT COLLECTED DATA FEBRUARY AND MARCH, 1990. 2/ SUM OF OPERATOR AND LANDLORD EXPENSES. 3/ VARIABLE EXPENSE ITEMS MULTIPLIED BY PART OF YEAR USED AND THE 6-MONTH U.S. TREASURY BILL RATE. 4/ VALUE OF MACHINERY AND EQUIPMENT MULTIPLIED BY LONGRUN REAL RATE OF RETURN TO PRODUCTION ASSETS IN FARM SECTOR. 5/ OF TOTAL ACRES RENTED, PERCENTAGE OF CASH-AND-SHARE-RENTED ACRES MULTIPLIED BY THE AVERAGE CASH AND SHARE RENT. 6/ CALCULATED BY SUBTRACTING TOTAL ECONOMIC (FULL OWNERSHIP) COSTS FROM GROSS VALUE OF PRODUCTION.

SOUTH DAKOTA BARLEY VARIETIES

MAJOR BARLEY VARIETIES AS PERCENT OF TOTAL ACREAGE, SELECTED YEARS



BARLEY ESTIMATED ACREAGE AND PERCENTAGE DISTRIBUTION, BY VARIETY, SELECTED YEARS

VARIETY	SEEDED ACREAGE						PERCENT OF STATE TOTAL		
	1984	1985	1987	1988	1989	1990	1988	1989	1990
	1,000 ACRES						PERCENT		
ROBUST	22.9	172.2	343.3	291.1	294.1	286.2	41.6	45.2	52.0
MOREX	292.3	240.9	221.6	153.3	126.2	107.2	21.9	19.5	19.5
BOWMAN	1/	1/	73.0	87.9	110.6	81.6	12.5	17.0	14.8
LARKER	77.0	63.7	32.6	21.1	27.4	10.8	3.0	4.2	2.0
HAZEN	1/	1/	25.8	21.5	16.8	1/	3.1	2.6	1/
PRIMUS II	39.4	48.3	49.8	23.0	15.1	10.8	3.3	2.3	2.0
BUMPER	28.0	44.3	1/	13.7	1/	1/	2.0	1/	1/
GLENN	41.8	38.4	1/	1/	1/	1/	1/	1/	1/
ALL OTHER & UNKNOWN VARIETIES 2/	108.6	152.2	123.9	88.4	59.8	53.4	12.6	9.2	9.7
STATE	610.0	760.0	870.0	700.0	650.0	550.0	100.0	100.0	100.0

1/ ESTIMATES COMBINED WITH ALL OTHER AND UNKNOWN CATEGORY. 2/ VARIETIES WITH LESS THAN TWO PERCENT OF THE STATE'S ACREAGE INCLUDED. NOTE: DATA WAS NOT COLLECTED IN 1986.

PERCENTAGE OF ACREAGE SEEDED TO EACH BARLEY VARIETY, BY DISTRICT, 1990

AGRICULTURAL STATISTICS DISTRICT	ROBUST	MOREX	BOWMAN	LARKER	PRIMUS II	ALL OTHER & UNKNOWN VARIETIES 1/	TOTAL	SEEDED ACRES 1990
	PERCENT							ACRES
NORTHWEST	2.8	5.4	76.3	1.6	0.9	13.0	100.0	43,000
NORTH CENT.	61.1	16.3	14.9	1.0	0.2	6.5	100.0	198,000
NORTHEAST	65.0	25.5	1.0	1.7	0.1	6.7	100.0	138,000
WEST CENT.	2.0	4.0	51.0	17.0	--	26.0	100.0	10,000
CENTRAL	44.9	16.1	14.5	3.9	8.0	12.6	100.0	71,000
EAST CENT.	55.8	32.0	0.5	1.1	2.8	7.8	100.0	64,000
SOUTHWEST	--	36.7	36.7	--	--	26.6	100.0	3,000
SOUTH CENT.	11.4	14.3	7.1	2.9	5.7	58.6	100.0	7,000
SOUTHEAST	36.3	19.4	3.1	3.1	12.4	25.7	100.0	16,000
STATE	52.0	19.5	14.8	2.0	2.0	9.7	100.0	550,000

1/ DISTRICT ESTIMATES WERE NOT MADE FOR VARIETIES WITH LESS THAN TWO PERCENT OF THE STATE'S BARLEY ACREAGE.

COMMERCIAL FERTILIZER

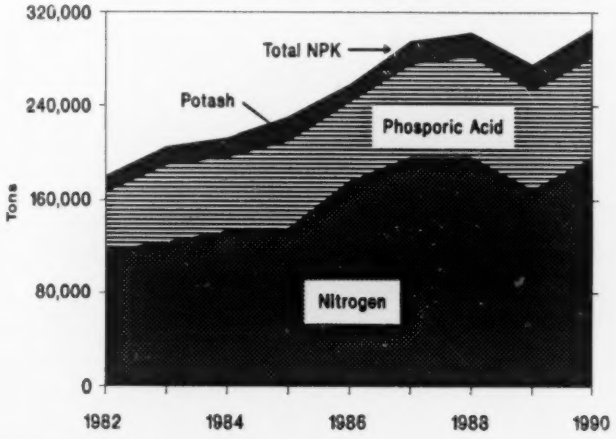
Commercial fertilizer sales in South Dakota increased 10 percent in 1990. There were 583,088 tons (including carrier) of commercial fertilizer sold, compared with 529,228 tons in 1989. Actual nutrients (NPK) totaled 306,077 tons, up 11 percent from 1989.

Nitrogen accounted for 64 percent of the total NPK. Phosphoric acid accounted for 28 percent and potash accounted for 8 percent.

The fertilizer 46-0-0 again was most widely used analysis in 1990 with 178,670 tons. The second most popular analysis used was 18-46-0 with 134,328 tons. These two fertilizers accounted for 54 percent of all fertilizer used in South Dakota during 1990.

SOURCE: SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF REGULATORY SERVICES

SOUTH DAKOTA'S USE OF PRIMARY NUTRIENTS AS FERTILIZER



COMMERCIAL FERTILIZER SOLD IN SOUTH DAKOTA, 1984-1990

YEAR	TOTAL CONSUMPTION 1/	NUTRIENTS USED			
		TOTAL NITROGEN	AVAILABLE PHOSPHORIC ACID	POTASH	TOTAL NPK 2/
	TONS				
1984	421,695	133,599	62,416	16,418	212,433
1985	445,397	135,693	73,834	20,687	230,214
1986	527,789	176,526	66,734	15,051	258,311
1987	587,290	196,432	79,042	20,020	295,495
1988	595,583	196,218	86,295	20,257	302,769
1989	529,228	169,321	83,824	22,245	275,391
1990 3/	583,088	196,521	85,658	23,899	306,077

1/ WEIGHT WHEN PURCHASED. 2/ ACTUAL WEIGHT OF NUTRIENTS. THE DIFFERENCE BETWEEN THE TOTAL CONSUMPTION AND TOTAL NPK ARE OTHER ELEMENTS AND CARRIERS. THE SUM OF INDIVIDUAL ITEMS MAY NOT EQUAL TOTALS DUE TO ROUNDING. 3/ PRELIMINARY.

15 LEADING FERTILIZERS IN SOUTH DAKOTA

TONS SOLD JANUARY 1 - DECEMBER 1

1989			1990 1/		
RANK	FERTILIZER	TONS	RANK	FERTILIZER	TONS
1	46-0-0	154,295	1	46-0-0	178,670
2	18-46-0	122,475	2	18-46-0	134,328
3	28-0-0	61,505	3	82-0-0	68,189
4	82-0-0	53,048	4	28-0-0	65,374
5	0-0-60	28,917	5	0-0-60	32,240
6	10-34-0	20,827	6	10-34-0	19,058
7	32-0-0	10,328	7	32-0-0	17,139
8	11-52-0	8,725	8	11-52-0	8,673
9	34-0-0	6,064	9	0-45-0	5,178
10	7-21-7	5,387	10	34-0-0	4,760
11	0-46-0	4,747	11	7-21-7	4,410
12	0-72-0	4,153	12	21-0-0	3,526
13	10-30-0	3,590	13	10-30-0	3,336
14	21-0-0	3,368	14	10-50-0	3,286
15	0-0-62	3,280	15	0-0-62	3,051

1/ PRELIMINARY.

CORN, SOUTH DAKOTA 1989 1/

COUNTY AND DISTRICT	GRAIN				SILAGE		
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	HARVESTED FOR SILAGE	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES	TONS	
BUTTE	12,200	7,500	73.0	547,500	3,100	9.7	30,000
CORSON	13,000	2,600	34.0	88,400	7,800	2.4	19,000
DEWEY	13,500	1,000	24.0	24,000	8,900	2.4	21,000
HARDING	2,300	500	25.0	12,500	1,700	2.9	5,000
PERKINS	14,100	1,200	35.0	42,000	12,000	4.3	51,000
ZIEBACH	900	200	60.0	12,000	500	2.0	1,000
NORTHWEST	56,000	13,000	55.9	726,400	34,000	3.7	127,000
BROWN	126,000	102,700	68.0	6,983,600	22,300	4.8	107,000
CAMPBELL	23,900	4,700	35.0	164,500	18,000	3.2	57,500
EDMUNDS	34,500	13,800	43.0	593,400	20,300	3.3	66,000
FAULK	24,600	7,800	26.0	202,800	16,000	2.5	40,000
MCPHERSON	21,000	5,800	20.0	116,000	14,500	4.0	58,000
POTTER	38,400	22,200	52.0	1,154,400	15,400	3.2	50,000
SPINK	129,000	91,000	57.0	5,187,000	37,000	3.6	134,000
WALWORTH	18,600	10,000	52.0	520,000	8,500	3.4	28,500
NORTH CENTRAL	416,000	258,000	57.8	14,921,700	152,000	3.6	541,000
CLARK	69,200	55,600	66.0	3,669,600	12,000	5.9	71,000
CODINGTON	54,200	40,900	75.0	3,067,500	13,200	6.5	86,000
DAY	40,600	30,800	67.0	2,063,600	9,600	5.5	53,000
DEUEL	70,500	57,100	79.0	4,510,900	13,200	7.6	100,000
GRANT	59,200	51,800	89.0	4,610,200	7,300	8.4	61,000
HAMLIN	74,000	65,000	83.0	5,395,000	8,700	8.7	76,000
MARSHALL	49,700	42,800	77.0	3,295,600	6,800	6.5	44,000
ROBERTS	66,600	57,000	89.0	5,073,000	9,200	7.9	73,000
NORTHEAST	484,000	401,000	79.0	31,685,400	80,000	7.1	564,000
HAAKON	5,400	1,200	25.0	30,000	2,900	3.9	11,300
JACKSON							
LAWRENCE							
MEADE	2,700	600	80.0	48,000	1,300	6.0	7,800
PENNINGTON	1,600	500	48.0	24,000	600	3.5	2,100
STANLEY	2,300	900	90.0	81,000	700	8.0	5,600
OTHER	1,000	400	50.5	20,200	500	6.6	3,300
WEST CENTRAL	13,000	3,600	56.4	203,200	6,000	5.0	30,100
AURORA	59,600	42,900	56.0	2,402,400	16,200	3.1	50,000
BEADLE	117,000	93,300	65.0	6,064,500	22,700	4.1	93,000
BRULE	58,800	37,000	43.0	1,591,000	18,400	3.9	72,000
BUFFALO	10,300	6,400	120.0	768,000	2,900	4.5	13,000
HAND	65,700	19,200	35.0	672,000	43,900	3.5	152,000
HUGHES	26,800	18,000	96.0	1,728,000	7,900	4.3	34,000
HYDE	16,600	4,600	29.0	133,400	10,800	2.8	30,000
JERAULD	30,900	22,400	57.0	1,276,800	7,700	4.5	35,000
SULLY	45,300	31,200	51.0	1,591,200	10,500	3.7	39,000
CENTRAL	431,000	275,000	59.0	16,227,300	141,000	3.7	518,000
BROOKINGS	119,000	105,000	93.0	9,765,000	13,000	9.2	119,000
DAVISON	69,700	57,000	53.0	3,021,000	12,500	4.6	57,000
HANSON	71,400	60,500	51.0	3,085,500	10,700	5.2	56,000
KINGSBURY	98,400	87,500	85.0	7,437,500	10,800	8.0	86,000
LAKE	105,000	95,000	87.0	8,265,000	9,000	8.2	74,000
MCCOOK	96,900	76,800	52.0	3,993,600	19,900	6.5	130,000
MINER	58,300	48,100	64.0	3,078,400	10,000	5.0	50,000
MINNEHAHA	158,000	142,000	81.0	11,502,000	15,000	8.3	125,000
MOODY	104,000	93,500	98.0	9,163,000	9,500	9.5	90,000
SANBORN	63,300	53,600	54.0	2,894,400	9,600	4.7	45,000
EAST CENTRAL	944,000	819,000	76.0	62,205,400	120,000	6.9	832,000
BENNETT	6,200	4,800	71.0	340,800	800	9.4	7,500
CUSTER	1,100	600	50.0	30,000	200	7.5	1,500
FALL RIVER	4,100	2,000	60.0	120,000	1,400	9.6	13,400
SHANNON	600	200	81.0	16,200	400	5.5	2,200
SOUTHWEST	12,000	7,600	66.7	507,000	2,800	8.8	24,600
GREGORY	45,000	37,700	56.0	2,111,000	6,100	4.8	29,000
JONES	900	300	60.0	18,000	400	5.0	2,000
LYMAN	12,900	6,100	117.0	713,700	4,500	5.5	24,700
MELLETTE	3,600	1,100	40.0	44,000	1,600	4.0	6,400
TODD	8,700	5,400	76.0	410,400	2,000	2.1	4,200
TRIPP	42,400	26,200	47.0	1,231,400	11,600	2.5	29,000
SOUTH CENTRAL	113,500	76,800	59.0	4,528,500	26,200	3.6	95,300
BON HOMME	97,200	79,000	50.0	3,950,000	18,000	4.7	85,000
CHARLES MIX	97,100	80,000	65.0	5,200,000	17,000	3.4	58,000
CLAY	79,300	73,000	79.0	5,767,100	6,000	4.7	28,000
DOUGLAS	64,000	44,000	43.0	1,893,000	16,500	4.2	70,000
HUTCHINSON	146,300	120,000	56.0	6,725,000	26,000	5.5	143,000
LINCOLN	131,000	118,000	101.0	11,923,000	12,500	9.2	115,000
TURNER	125,500	111,000	84.0	9,327,000	14,000	7.8	109,000
UNION	103,800	96,000	104.0	9,985,000	7,000	8.3	58,000
YANKTON	86,300	75,000	67.0	5,025,000	11,000	4.7	52,000
SOUTHEAST	930,500	796,000	75.1	59,795,100	128,000	5.6	718,000
STATE	3,400,000	2,650,000	72.0	190,800,000	690,000	5.0	3,450,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS.

CORN, SOUTH DAKOTA 1990 1/

COUNTY AND DISTRICT	GRAIN				SILAGE		
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	HARVESTED FOR SILAGE	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES	TONS	
BUTTE	12,000	9,700	92.6	898,500	2,200	8.3	18,300
CORSON	11,400	1,500	45.6	68,400	8,700	1.9	16,500
DEWEY	11,500	2,200	33.2	73,000	7,200	1.9	13,700
HARDING	2,300	100	21.0	2,100	2,000	1.4	2,800
PERKINS	13,800	1,000	42.0	42,000	11,400	2.5	28,500
ZIEBACH	900	100	20.0	2,000	700	1.1	800
NORTHWEST	51,900	14,600	74.4	1,086,000	32,200	2.5	80,600
BROWN	127,400	120,400	85.3	10,264,800	6,500	7.7	50,100
CAMPBELL	25,200	2,500	64.6	161,500	19,200	2.6	49,900
EDMUNDS	30,000	13,100	61.1	800,000	16,800	4.7	79,000
FAULK	21,600	16,700	66.0	1,102,200	4,700	5.4	25,400
MCPHERSON	19,900	3,400	47.2	160,600	15,300	4.5	68,800
POTTER	36,100	30,800	60.0	1,847,800	5,100	4.9	25,000
SPINK	125,200	112,000	79.4	8,890,000	13,100	7.3	95,600
WALWORTH	18,600	12,200	69.6	849,600	6,300	4.2	26,500
NORTH CENTRAL	404,000	311,100	77.4	24,076,500	87,000	4.8	420,300
CLARK	68,200	60,400	66.3	4,001,900	7,200	7.2	51,800
CODINGTON	56,200	45,800	87.6	4,012,800	10,100	8.7	87,900
DAY	40,600	34,000	77.7	2,642,800	6,400	7.1	45,400
DEUEL	68,500	60,000	91.4	5,485,000	7,900	10.1	79,800
GRANT	61,500	51,200	92.4	4,732,800	10,200	10.4	106,000
HAMLIN	76,000	69,600	93.5	6,509,100	6,000	9.2	55,200
MARSHALL	57,100	52,400	90.5	4,743,600	3,900	7.4	28,900
ROBERTS	69,200	62,700	90.6	5,677,500	6,400	7.0	44,800
NORTHEAST	497,300	436,100	86.7	37,805,500	58,100	8.6	499,800
HAAKON	4,500	1,200	33.3	40,000	2,800	3.6	10,100
JACKSON	500	100	21.0	2,100	300	3.7	1,100
LAWRENCE	700	300	80.7	24,200	300	9.3	2,800
MEADE	2,500	1,200	71.0	85,200	1,200	5.0	6,000
PENNINGTON	1,100	400	20.0	8,000	500	3.2	1,600
STANLEY	2,500	1,900	123.4	234,500	500	10.0	5,000
WEST CENTRAL	11,800	5,100	77.3	394,000	5,600	4.8	26,600
AURORA	60,000	56,400	54.0	3,045,600	3,500	4.1	14,400
BEADLE	112,300	101,800	71.1	7,241,000	10,000	6.8	68,000
BRULE	59,100	55,400	66.8	3,698,100	3,600	5.3	19,100
BUFFALO	9,400	5,500	77.0	423,500	3,200	9.0	28,800
HAND	66,400	47,200	56.1	2,646,800	19,100	5.4	103,100
HUGHES	26,200	21,900	86.2	1,886,800	4,100	5.3	21,700
HYDE	17,000	6,500	51.4	334,000	10,400	5.3	55,100
JERAULD	29,000	26,600	60.1	1,597,400	2,300	5.0	11,500
SULLY	46,300	42,400	68.2	2,891,200	3,700	8.0	29,600
CENTRAL	425,700	363,700	65.3	23,764,400	59,900	5.9	351,300
BROOKINGS	128,200	118,500	94.8	11,238,000	9,200	8.5	78,200
DAVISON	62,600	59,300	60.5	3,588,700	3,000	6.0	18,000
HANSON	69,600	66,700	60.3	4,022,000	2,900	6.0	17,400
KINGSBURY	100,000	88,700	74.7	6,626,800	7,900	6.7	52,900
LAKE	108,900	103,900	89.5	9,301,100	4,300	9.5	40,800
MCCOOK	99,300	89,600	78.0	6,988,800	9,600	8.2	78,700
MINER	58,300	53,100	68.0	3,610,800	5,200	8.4	43,700
MINNEHAHA	157,300	152,000	92.1	14,001,600	4,600	9.4	43,200
MOODY	105,500	102,000	103.2	10,524,700	3,500	11.2	39,200
SANBORN	58,700	55,000	62.4	3,432,800	3,600	7.2	25,900
EAST CENTRAL	948,400	888,800	82.5	73,335,300	53,800	8.1	438,000
BENNETT	5,100	3,800	113.2	430,000	1,200	9.1	10,900
CUSTER	700	200	120.0	24,000	500	3.4	1,700
FALL RIVER	3,000	1,100	125.0	137,500	1,900	12.1	23,000
SHANNON	600	400	67.5	27,000	200	3.0	600
SOUTHWEST	9,400	5,500	112.5	618,500	3,800	9.5	36,200
GREGORY	42,700	41,600	70.0	2,912,000	1,000	7.6	7,600
JONES	500	200	95.0	19,000	300	4.3	1,300
LYMAN	9,800	8,300	96.8	803,600	1,400	3.9	5,500
MELLETTE	2,000	1,500	48.0	72,000	400	7.8	3,100
TODD	8,200	7,100	95.4	677,000	900	9.6	8,600
TRIPP	31,800	29,300	69.3	2,029,400	2,400	7.4	17,800
SOUTH CENTRAL	95,000	88,000	74.0	6,513,000	6,400	6.9	43,900
BON HOMME	99,600	81,200	57.5	4,666,000	18,400	5.5	101,200
CHARLES MIX	100,000	92,300	59.5	5,489,300	7,400	5.6	41,400
CLAY	83,600	83,000	84.9	7,048,300	100	9.0	900
DOUGLAS	61,400	56,100	51.7	2,903,000	5,200	5.4	28,100
HUTCHINSON	148,900	131,500	55.6	7,310,600	17,400	5.3	92,200
LINCOLN	132,200	128,800	95.2	12,267,500	3,300	10.3	34,000
TURNER	133,700	124,900	82.7	10,327,100	8,700	8.5	74,000
UNION	110,000	109,500	102.1	11,178,600	400	9.8	3,900
YANKTON	87,100	79,800	65.4	5,216,400	7,300	7.2	52,600
SOUTHEAST	956,500	887,100	74.9	66,406,800	68,200	6.3	428,300
STATE	3,400,000	3,000,000	78.0	234,000,000	375,000	6.2	2,325,000

1/ PRELIMINARY.

PRODUCTION MAP ON PAGE 41

CORN FOR GRAIN, SOUTH DAKOTA 1989 1/

COUNTY AND DISTRICT	DRYLAND				IRRIGATED			
	PLANTED	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	1,800	400	37.5	15,000	7,300	7,100	75.0	532,500
CORSON								
DEWEY								
HARDING								
PERKINS								
ZIEBACH								
OTHER	42,700	4,300	21.9	94,200	4,200	1,200	70.6	84,700
NORTHWEST	44,500	4,700	23.2	109,200	11,500	8,300	74.4	617,200
BROWN	97,700	96,700	64.5	6,233,600	6,000	6,000	125.0	750,000
CAMPBELL	4,400	3,200	17.0	54,300	1,500	1,500	73.5	110,200
EDMUNDS								
FAULK								
MCPHERSON								
POTTER	20,000	19,200	40.0	767,400	3,000	3,000	129.0	387,000
SPINK	77,000	76,000	45.0	3,417,000	15,000	15,000	118.0	1,770,000
WALWORTH	8,600	8,500	40.0	340,000	1,500	1,500	120.0	180,000
OTHER	179,800	26,600	31.4	834,700	1,500	800	96.9	77,500
NORTH CENTRAL	387,500	230,200	50.6	11,647,000	28,500	27,800	117.8	3,274,700
CLARK	52,900	51,300	62.0	3,179,400	4,300	4,300	114.0	490,200
CODINGTON	38,900	38,800	72.0	2,794,500	2,100	2,100	130.0	273,000
DAY	29,700	29,500	65.5	1,933,600	1,300	1,300	100.0	130,000
DEUEL	56,300	56,100	78.5	4,404,900	1,000	1,000	106.0	106,000
GRANT	49,400	49,300	88.0	4,340,200	2,500	2,500	108.0	270,000
HAMLIN	60,100	59,800	81.0	4,843,800	5,200	5,200	106.0	551,200
MARSHALL	41,800	41,700	76.0	3,170,200	1,100	1,100	114.0	125,400
ROBERTS	55,700	55,300	88.5	4,894,500	1,700	1,700	105.0	178,500
OTHER	79,700				300			
NORTHEAST	464,500	381,800	77.4	29,561,100	19,500	19,200	110.6	2,124,300
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY								
OTHER	10,000	2,000	25.2	50,300	3,000	1,600	95.6	152,900
WEST CENTRAL	10,000	2,000	25.2	50,300	3,000	1,600	95.6	152,900
AURORA								
BEADLE	82,300	81,300	53.5	4,348,500	12,000	12,000	143.0	1,716,000
BRULE	37,500	34,100	36.0	1,228,500	2,900	2,900	125.0	362,500
BUFFALO	2,700	1,700	26.0	44,200	4,700	4,700	154.0	723,800
HAND	19,800	17,200	28.5	490,000	2,000	2,000	91.0	182,000
HUGHES	9,300	8,400	48.0	403,200	9,600	9,600	138.0	1,324,800
HYDE								
JERAULD	21,800	21,000	53.0	1,113,000	1,400	1,400	117.0	163,800
SULLY	23,300	19,700	19.5	383,700	11,500	11,500	105.0	1,207,500
OTHER	188,800	47,300	53.1	2,510,200	1,400	200	128.0	25,600
CENTRAL	385,500	230,700	45.6	10,521,300	45,500	44,300	128.8	5,706,000
BROOKINGS	92,200	91,200	87.5	7,977,900	13,800	13,800	129.5	1,787,100
DAVISON	55,200	55,000	49.5	2,725,000	2,000	2,000	148.0	296,000
HANSON								
KINGSBURY	86,200	86,100	84.0	7,234,500	1,400	1,400	145.0	203,000
LAKE	94,500	93,500	86.0	8,044,500	1,500	1,500	147.0	220,500
MCCOOK								
MINER								
MINNEHAHA	141,800	140,800	80.8	11,382,000	1,200	1,200	100.0	120,000
MOODY	93,000	92,000	97.5	8,968,000	1,500	1,500	130.0	195,000
SANBORN								
OTHER	358,100	237,900	54.3	12,909,300	1,600	1,100	129.6	142,600
EAST CENTRAL	921,000	796,500	74.4	59,241,200	23,000	22,500	131.7	2,964,200
BENNETT	1,800	1,300	36.0	46,800	3,600	3,500	84.0	294,000
CUSTER								
FALL RIVER								
SHANNON								
OTHER	2,200	400	30.0	12,000	4,400	2,400	64.3	154,200
SOUTHWEST	4,000	1,700	34.6	58,800	8,000	5,900	76.0	448,200
GREGORY	37,200	36,000	54.0	1,944,400	1,700	1,700	98.0	166,600
JONES								
LYMAN	2,700	500	33.0	16,500	5,600	5,600	124.5	697,200
MELLETTE								
TODD	2,500	1,200	16.5	19,800	4,200	4,200	93.0	390,600
TRIPP	29,700	25,100	44.0	1,103,800	1,100	1,100	116.0	127,600
OTHER	27,400	1,000	19.7	19,700	1,400	400	105.8	42,300
SOUTH CENTRAL	99,500	63,800	48.7	3,104,200	14,000	13,000	109.6	1,424,300
BON HOMME	75,200	75,000	47.0	3,526,000	4,000	4,000	106.0	424,000
CHARLES MIX	71,600	71,500	55.0	3,933,500	8,500	8,500	149.0	1,266,500
CLAY	67,500	67,200	74.0	4,972,500	5,800	5,800	137.0	794,600
DOUGLAS	46,100	42,600	41.0	1,746,000	1,400	1,400	105.0	147,000
HUTCHINSON	119,100	118,800	55.0	6,539,000	1,200	1,200	155.0	186,000
LINCOLN	117,500	117,000	101.0	11,813,000	1,000	1,000	110.0	110,000
TURNER	92,100	91,600	74.0	6,775,900	19,400	19,400	131.5	2,551,100
UNION	76,800	76,000	96.5	7,335,000	20,000	20,000	132.5	2,650,000
YANKTON	70,800	70,500	63.0	4,440,000	4,500	4,500	130.0	585,000
OTHER	126,800				1,200			
SOUTHEAST	863,500	730,200	70.0	51,080,900	67,000	65,800	132.4	8,714,200
STATE	3,180,000	2,441,600	67.7	165,374,000	220,000	208,400	122.0	25,426,000

1/ COUNTIES WITH LESS THAN 1,000 ACRES PLANTED FOR GRAIN OR SILAGE ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. ALL SILAGE ACRES ARE ALSO SHOWN UNDER PLANTED *OTHER*.

CORN FOR GRAIN, SOUTH DAKOTA 1990 1/

COUNTY AND DISTRICT	DRYLAND 2/				IRRIGATED 2/			
	PLANTED	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	1,600	1,600	30.0	48,000	8,200	8,100	105.0	850,500
CORSON								
DEWEY								
HARDING								
PERKINS								
ZIEBACH								
OTHER	38,800	4,200	27.3	114,500	3,300	700	104.3	73,000
NORTHWEST	40,400	5,800	28.0	162,500	11,500	8,800	104.9	923,500
BROWN	115,500	115,000	84.0	9,660,000	5,400	5,400	112.0	604,800
CAMPBELL	5,000	1,500	27.0	40,500	1,000	1,000	121.0	121,000
EDMUNDS								
FAULK								
MCPHERSON								
POTTER	28,400	28,200	54.0	1,522,800	2,600	2,600	125.0	325,000
SPINK	102,000	102,000	75.0	7,650,000	10,100	10,000	124.0	1,240,000
WALWORTH	10,600	10,500	61.0	640,500	1,700	1,700	123.0	209,100
OTHER	115,000	32,600	61.4	2,001,800	6,700	600	101.7	61,000
NORTH CENTRAL	376,500	289,800	74.2	21,515,600	27,500	21,300	120.2	2,560,900
CLARK	58,000	57,500	64.0	3,680,000	3,000	2,900	111.0	321,900
CODINGTON	44,100	43,800	86.0	3,766,800	2,000	2,000	123.0	246,000
DAY	33,000	32,800	76.0	2,492,800	1,200	1,200	125.0	150,000
DEUEL	59,600	59,000	91.0	5,369,000	1,000	1,000	116.0	116,000
GRANT	49,000	48,900	91.0	4,449,900	2,300	2,300	123.0	282,900
HAMLIN	65,500	65,100	91.0	5,924,100	4,500	4,500	130.0	585,000
MARSHALL	52,000	51,200	90.0	4,608,000	1,200	1,200	113.0	135,600
ROBERTS	61,300	61,200	90.0	5,508,000	1,500	1,500	113.0	169,500
OTHER	56,800				1,300			
NORTHEAST	479,300	419,500	85.3	35,798,600	18,000	16,600	120.9	2,006,900
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY								
OTHER	8,300	2,800	25.6	71,800	3,500	2,300	140.1	322,200
WEST CENTRAL	8,300	2,800	25.6	71,800	3,500	2,300	140.1	322,200
AURORA								
BEADLE	89,200	88,800	65.0	5,772,000	13,100	13,000	113.0	1,469,000
BRULE	52,800	52,700	63.0	3,320,100	2,700	2,700	140.0	378,000
BUFFALO	4,200	4,000	59.0	236,000	2,000	1,500	125.0	187,500
HAND	45,100	45,000	53.0	2,385,000	2,200	2,200	119.0	261,800
HUGHES	13,300	13,100	52.0	681,200	8,800	8,800	137.0	1,205,600
HYDE								
JERAULD	25,300	25,200	57.0	1,436,400	1,400	1,400	115.0	161,000
SULLY	31,400	31,200	46.0	1,435,200	11,200	11,200	130.0	1,456,000
OTHER	119,900	62,700	53.6	3,360,600	3,100	200	95.0	19,000
CENTRAL	381,200	322,700	57.7	18,626,500	44,500	41,000	125.3	5,137,900
BROOKINGS	105,000	104,500	92.0	9,614,000	14,000	14,000	116.0	1,624,000
DAVISON	57,800	57,500	59.0	3,392,500	1,800	1,800	109.0	196,200
HANSON								
KINGSBURY	90,300	86,900	74.0	6,430,600	1,800	1,800	109.0	196,200
LAKE	103,100	102,400	89.0	9,113,600	1,500	1,500	125.0	187,500
MCCOOK								
MINER								
MINNEHAHA	151,600	150,900	92.0	13,882,800	1,100	1,100	108.0	118,800
MOODY	100,300	100,300	103.0	10,330,900	1,700	1,700	114.0	193,800
SANBORN								
OTHER	314,800	263,300	68.2	17,944,400	3,600	1,100	100.0	110,000
EAST CENTRAL	922,900	865,800	81.7	70,708,800	25,500	23,000	114.2	2,626,500
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
OTHER	2,600	1,000	47.0	47,000	6,800	4,500	127.0	571,500
SOUTHWEST	2,600	1,000	47.0	47,000	6,800	4,500	127.0	571,500
GREGORY	40,100	40,000	68.0	2,720,000	1,600	1,600	120.0	192,000
JONES								
LYMAN	4,400	4,300	52.0	223,600	4,000	4,000	145.0	580,000
MELLETTE								
TODD	3,200	3,000	48.0	144,000	4,100	4,100	130.0	533,000
TRIPP	28,100	28,000	67.0	1,876,000	1,300	1,300	118.0	153,400
OTHER	6,500	1,200	35.0	42,000	1,700	500	98.0	49,000
SOUTH CENTRAL	82,300	76,500	65.4	5,005,600	12,700	11,500	131.1	1,507,400
BON HOMME	77,400	77,400	54.0	4,179,600	3,800	3,800	128.0	486,400
CHARLES MIX	83,400	83,100	51.0	4,238,100	9,200	9,200	136.0	1,251,200
CLAY	77,600	77,100	83.0	6,399,300	5,900	5,900	110.0	649,000
DOUGLAS	54,800	54,700	50.0	2,735,000	1,400	1,400	120.0	168,000
HUTCHINSON								
LINCOLN								
TURNER	114,900	114,900	79.0	9,077,100	10,100	10,000	125.0	1,250,000
UNION	89,700	89,600	95.0	8,512,000	19,900	19,900	134.0	2,666,600
YANKTON	75,000	75,000	62.0	4,650,000	4,800	4,800	118.0	566,400
OTHER	323,700	258,300	74.8	19,322,500	4,900	2,000	127.8	255,600
SOUTHEAST	896,500	830,100	71.2	59,113,600	60,000	57,000	128.0	7,293,200
STATE	3,190,000	2,814,000	75.0	211,050,000	210,000	186,000	123.4	22,950,000

1/ COUNTIES WITH LESS THAN 1,000 ACRES PLANTED FOR GRAIN OR SILAGE ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. ALL SILAGE ACRES ARE ALSO SHOWN UNDER PLANTED *OTHER*. 2/ PRELIMINARY.

ALL WHEAT, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	16,700	13,100	21.9	286,900	18,800	15,800	20.6	325,000
CORSON	91,000	78,000	15.4	1,203,000	81,000	57,200	16.4	937,000
DEWEY	55,000	43,000	16.6	713,900	45,000	33,700	27.5	927,900
HARDING	34,000	28,900	19.3	556,500	36,000	21,700	23.6	512,500
PERKINS	91,000	81,800	24.1	1,972,400	98,000	75,300	24.6	1,855,100
ZIEBACH	51,500	30,600	18.0	550,000	50,600	39,900	31.2	1,243,200
OTHER	800	600	16.7	10,000	600	600	25.0	15,000
NORTHWEST	340,000	276,000	19.2	5,292,700	330,000	244,200	23.8	5,815,700
BROWN	282,000	266,000	25.9	6,883,000	300,000	293,200	35.0	10,272,800
CAMPBELL	79,000	75,200	15.3	1,148,400	80,000	51,600	13.2	680,100
EDMUNDS	144,000	136,000	19.2	2,606,500	153,000	149,900	31.8	4,772,600
FAULK	109,000	92,000	15.9	1,466,500	122,000	118,800	33.0	3,923,200
MCPHERSON	71,000	67,400	17.1	1,153,400	70,000	68,100	26.2	1,785,400
POTTER	135,000	110,000	20.8	2,292,000	134,000	125,800	36.5	4,596,800
SPINK	233,000	223,000	22.3	4,968,100	249,000	245,000	34.2	8,385,200
WALWORTH	83,000	78,400	20.6	1,616,000	82,000	77,600	35.3	2,736,800
NORTH CENTRAL	1,136,000	1,048,000	21.1	22,133,900	1,190,000	1,130,000	32.9	37,152,900
CLARK	102,000	98,900	27.6	2,732,000	111,000	107,700	34.2	3,681,800
CODINGTON	62,500	60,600	25.1	1,519,500	66,000	65,800	42.0	2,763,700
DAY	134,000	128,000	29.3	3,754,200	142,000	139,700	41.0	5,727,200
DEUEL	30,100	29,200	24.2	706,800	31,700	31,500	39.5	1,245,600
GRANT	57,900	56,300	26.1	1,471,800	63,500	63,200	43.8	2,770,400
HAMLIN	42,500	41,400	30.1	1,248,200	48,000	46,900	39.4	1,848,400
MARSHALL	103,000	95,800	29.1	2,790,400	113,000	111,000	38.2	4,241,400
ROBERTS	107,000	99,800	30.0	2,994,000	124,000	123,300	39.0	4,808,700
OTHER	1,000	1,000	26.2	26,200	800	800	48.0	38,400
NORTHEAST	640,000	611,000	28.2	17,243,100	700,000	689,900	39.3	27,125,600
HAAKON	114,900	90,000	22.7	2,040,000	120,000	104,300	34.3	3,580,300
JACKSON	62,900	56,100	25.1	1,410,000	60,600	51,100	33.3	1,703,800
LAWRENCE	1,100	600	24.0	14,400	1,400	1,000	19.1	19,100
MEADE	85,700	57,800	21.9	1,266,700	75,800	66,200	33.7	2,232,400
PENNINGTON	65,900	53,600	22.1	1,182,400	69,000	61,900	27.9	1,724,600
STANLEY	104,000	85,500	25.1	2,148,000	98,000	86,100	39.5	3,399,000
OTHER	500	400	15.8	6,300	200	200	30.0	6,000
WEST CENTRAL	435,000	344,000	23.5	8,067,800	425,000	370,800	34.2	12,665,200
AURORA	20,400	18,000	22.0	395,200	23,100	20,500	37.4	766,000
BEADLE	116,000	113,000	29.6	3,347,000	124,000	114,300	33.4	3,818,300
BRULE	39,200	29,600	24.7	732,000	49,600	46,400	35.5	1,646,800
BUFFALO	10,300	6,500	23.2	150,500	13,500	12,200	35.8	436,200
HAND	129,000	113,000	20.7	2,333,500	141,600	124,400	32.8	4,085,100
HUGHES	92,500	85,600	16.2	1,384,500	93,600	88,500	34.8	3,079,400
HYDE	53,300	45,900	16.2	744,200	50,900	47,400	31.8	1,506,600
JERAULD	29,400	25,500	20.5	523,500	27,500	26,400	34.0	897,200
SULLY	201,000	177,000	18.3	3,232,200	220,000	205,900	32.1	6,611,600
OTHER	900	900	13.4	12,100	1,200	1,200	31.0	37,200
CENTRAL	692,000	615,000	20.9	12,854,700	745,000	687,200	33.3	22,884,400
BROOKINGS	23,200	22,600	29.7	671,600	25,400	24,800	30.6	760,000
DAVISON	12,100	11,200	29.6	331,700	15,700	15,000	31.7	475,000
HANSON	5,300	5,200	30.8	160,000	7,700	7,500	32.8	245,700
KINGSBURY	77,400	75,100	32.8	2,464,000	83,000	73,600	24.7	1,821,500
LAKE	17,400	16,900	31.6	533,500	20,900	20,500	26.2	537,000
MCCOOK	3,700	3,200	26.9	86,000	5,400	4,900	26.7	130,800
MINER	21,700	19,600	28.7	562,200	23,000	22,100	23.8	526,900
MINNEHAHA	4,100	4,000	33.8	135,200	5,400	5,100	26.7	136,200
MOODY	6,600	6,400	31.2	199,600	6,900	6,300	31.9	200,700
SANBORN	15,100	13,400	24.2	324,400	14,700	14,200	27.5	391,200
OTHER	1,400	1,400	27.1	38,000	1,900	1,900	33.0	62,700
EAST CENTRAL	188,000	179,000	30.8	5,506,200	210,000	195,900	27.0	5,287,700
BENNETT	66,700	60,700	25.8	1,568,400	72,000	65,100	34.8	2,265,300
CUSTER	5,000	3,200	24.3	77,600	5,000	3,700	30.4	112,600
FALL RIVER	17,500	11,000	29.0	319,000	17,600	13,800	29.0	400,200
SHANNON	29,700	27,300	25.0	682,500	29,400	27,300	31.0	846,300
OTHER	1,100	800	15.3	12,200	1,000	900	17.8	16,000
SOUTHWEST	120,000	103,000	25.8	2,659,700	125,000	110,800	32.9	3,640,400
GREGORY	16,700	15,600	33.0	515,200	18,800	17,500	37.5	656,100
JONES	58,500	51,400	27.7	1,424,200	62,500	51,500	41.3	2,128,000
LYMAN	104,000	93,800	28.9	2,710,000	108,000	83,100	36.9	3,067,500
MELLETTE	30,800	27,100	24.0	650,400	35,600	33,600	42.0	1,411,200
TODD	8,900	8,400	23.0	193,200	9,300	8,800	31.0	272,800
TRIPP	84,600	76,500	26.9	2,056,500	89,800	83,500	36.9	3,078,700
OTHER	1,500	1,200	15.8	18,900	1,000	900	27.0	24,300
SOUTH CENTRAL	305,000	274,000	27.6	7,568,400	325,000	278,900	38.1	10,638,600
BON HOMME	4,400	4,200	22.3	93,800	4,600	4,000	26.8	107,200
CHARLES MIX	39,000	37,500	25.7	963,900	47,700	42,900	37.3	1,600,200
CLAY	1,500	1,400	20.0	28,000	800	800	27.0	21,600
DOUGLAS	12,100	11,600	21.7	251,700	16,900	14,900	30.2	449,700
HUTCHINSON	9,900	9,500	28.8	273,800	13,000	12,200	35.6	434,600
LINCOLN								
TURNER	2,000	1,300	25.0	32,500	2,300	2,200	22.9	50,300
UNION	2,200	2,000	25.5	51,000	2,200	2,100	31.4	66,000
YANKTON	600	500	28.0	14,000	600	500	35.0	17,500
OTHER	2,300	2,000	22.4	44,800	1,900	1,700	27.3	46,400
SOUTHEAST	74,000	70,000	25.1	1,753,500	90,000	81,300	34.4	2,793,500
STATE	3,930,000	3,520,000	23.6	83,080,000	4,140,000	3,789,000	33.8	128,004,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED OF AN INDIVIDUAL CLASS OF WHEAT ARE EXCLUDED FROM THE COUNTY ALL WHEAT TOTALS BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

PRODUCTION MAP ON PAGE 41

WINTER WHEAT, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	10,700	7,600	24.0	182,400	11,800	9,400	23.0	216,200
CORSON	14,700	10,300	18.0	185,400	13,500	11,700	25.0	292,500
DEWEY	34,900	25,900	17.0	440,300	32,200	25,700	31.0	796,700
HARDING	13,400	9,800	21.0	205,800	17,400	9,900	30.0	297,000
PERKINS	21,800	17,400	28.0	487,200	46,200	34,700	31.0	1,075,700
ZIEBACH	33,500	15,200	22.0	334,400	41,600	33,600	34.0	1,142,400
NORTHWEST	129,000	86,200	21.3	1,835,500	162,700	125,000	30.6	3,820,500
BROWN	34,000	27,400	33.0	904,200	52,200	46,500	35.0	1,627,500
CAMPBELL	1,800	1,300	30.0	39,000	2,300	900	21.0	18,900
EDMUNDS	13,000	10,100	23.0	232,300	26,700	24,200	31.0	750,200
FAULK	26,000	17,300	20.0	346,000	26,200	23,200	37.0	858,400
MCPHERSON	2,500	1,900	21.0	39,900	1,800	1,600	30.0	48,000
POTTER	54,400	39,000	26.0	1,014,000	70,600	62,600	42.0	2,629,200
SPINK	8,000	6,900	31.0	213,900	24,700	21,700	37.0	802,900
WALWORTH	26,300	24,000	22.0	528,000	25,600	21,300	41.0	873,300
NORTH CENTRAL	166,000	127,900	25.9	3,317,300	230,100	202,000	37.7	7,608,400
CLARK	9,500	8,200	34.0	278,800	10,100	8,400	35.0	294,000
CODINGTON	1,000	900	30.0	27,000	1,400	1,300	35.0	45,500
DAY	10,300	7,600	28.0	212,800	10,200	8,200	33.0	270,600
DEUEL	1,400	1,200	29.0	34,800	1,700	1,600	31.0	49,600
GRANT	1,700	1,600	31.0	49,600	1,500	1,300	36.0	46,800
HAMLIN	6,900	6,600	36.0	237,600	7,800	6,900	36.0	248,400
MARSHALL	5,200	4,200	34.0	142,800	4,700	4,300	32.0	137,600
ROBERTS	3,000	1,900	30.0	57,000	2,800	2,200	36.0	79,200
NORTHEAST	39,000	32,200	32.3	1,040,400	40,200	34,200	34.3	1,171,700
HAAKON	86,400	70,000	26.0	1,820,000	114,000	98,900	35.0	3,461,500
JACKSON	55,900	50,700	26.0	1,318,200	58,200	49,000	34.0	1,666,000
LAWRENCE	600	400	29.0	11,600	800	700	20.0	14,000
MEADE	76,700	52,100	23.0	1,198,300	68,000	61,500	35.0	2,152,500
PENNINGTON	55,900	48,000	23.0	1,104,000	64,000	57,200	29.0	1,658,800
STANLEY	95,000	80,500	26.0	2,093,000	96,000	84,300	40.0	3,372,000
WEST CENTRAL	370,500	301,700	25.0	7,545,100	401,000	351,600	35.1	12,324,800
AURORA	12,400	11,200	28.0	313,600	14,100	12,000	44.0	528,000
BEADLE	63,200	60,900	36.0	2,192,400	64,100	55,000	36.0	1,980,000
BRULE	14,200	12,000	39.0	468,000	22,100	19,600	43.0	842,800
BUFFALO	8,500	5,300	25.0	132,500	10,000	9,000	41.0	369,000
HAND	95,800	83,500	23.0	1,920,500	97,600	80,700	36.0	2,905,200
HUGHES	46,400	44,200	21.0	928,200	60,600	55,600	40.0	2,224,000
HYDE	33,300	29,500	18.0	531,000	35,900	32,400	34.0	1,101,600
JERAULD	11,400	10,000	26.0	260,000	10,500	9,400	43.0	404,200
SULLY	131,800	116,400	21.0	2,444,400	153,100	139,300	35.0	4,875,500
CENTRAL	417,000	373,000	24.6	9,190,600	468,000	413,000	36.9	15,230,300
BROOKINGS	2,000	1,800	38.0	68,400	3,700	3,200	35.0	112,000
DAVISON	5,400	4,700	36.0	169,200	8,700	8,000	34.0	272,000
HANSON	1,800	1,800	36.0	64,800	3,500	3,300	35.0	115,500
KINGSBURY	7,800	7,600	40.0	304,000	14,200	12,400	29.0	359,600
LAKE	1,200	1,200	39.0	46,800	2,300	2,000	28.0	56,000
MCCOOK	900	700	30.0	21,000	1,000	500	24.0	12,000
MINER	3,600	3,000	38.0	114,000	5,000	4,200	26.0	109,200
MINNEHAHA	800	800	33.0	26,400	600	500	24.0	12,000
MOODY	2,900	2,800	34.0	95,200	2,400	1,800	29.0	52,200
SANBORN	4,400	4,300	31.0	133,300	6,700	6,200	36.0	223,200
EAST CENTRAL	30,800	28,700	36.3	1,043,100	48,100	42,100	31.4	1,323,700
BENNETT	65,800	60,000	26.0	1,560,000	71,300	64,500	35.0	2,257,500
CUSTER	3,900	2,500	26.0	65,000	4,400	3,200	33.0	105,600
FALL RIVER	17,500	11,000	29.0	319,000	17,600	13,800	29.0	400,200
SHANNON	29,700	27,300	25.0	682,500	29,400	27,300	31.0	846,300
SOUTHWEST	116,900	100,800	26.1	2,626,500	122,700	108,800	33.2	3,609,600
GREGORY	14,200	13,400	35.0	469,000	16,600	15,300	39.0	596,700
JONES	57,000	50,400	28.0	1,411,200	60,900	50,100	42.0	2,104,200
LYMAN	103,200	93,200	29.0	2,702,800	107,000	82,200	37.0	3,041,400
MELLETTE	30,800	27,100	24.0	650,400	35,600	33,600	42.0	1,411,200
TODD	8,900	8,400	23.0	193,200	9,300	8,800	31.0	272,800
TRIPP	83,900	75,900	27.0	2,049,300	88,800	82,600	37.0	3,056,200
SOUTH CENTRAL	298,000	268,400	27.9	7,475,900	318,200	272,600	38.5	10,482,500
BON HOMME	900	800	28.0	22,400	1,300	900	33.0	29,700
CHARLES MIX	20,100	19,200	34.0	652,800	36,400	31,700	42.0	1,331,400
CLAY								
DOUGLAS	4,100	3,900	29.0	113,100	9,900	7,900	33.0	260,700
HUTCHINSON	5,600	5,400	34.0	183,600	8,800	8,100	41.0	332,100
LINCOLN								
TURNER					600	500	36.0	18,000
UNION	600	500	33.0	16,500	700	600	35.0	21,000
YANKTON	600	500	28.0	14,000	600	500	35.0	17,500
OTHER	900	800	29.0	23,200	700	500	36.2	18,100
SOUTHEAST	32,800	31,100	33.0	1,025,600	59,000	50,700	40.0	2,028,500
STATE	1,600,000	1,350,000	26.0	35,100,000	1,850,000	1,600,000	36.0	57,600,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

WINTER WHEAT, SOUTH DAKOTA 1989 1/

COUNTY AND DISTRICT	SUMMER FALLOW				CONTINUOUS CROPLAND			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	6,700	4,700	24.0	112,800	4,000	2,900	24.0	69,600
CORSON	13,300	9,700	18.0	174,600	1,400	600	18.0	10,800
DEWEY	32,000	23,100	17.0	392,700	2,900	2,800	17.0	47,600
HARDING	12,000	8,500	21.0	178,500	1,400	1,300	21.0	27,300
PERKINS	16,000	13,000	28.0	364,000	5,800	4,400	28.0	123,200
ZIEBACH	32,000	14,000	22.0	308,000	1,500	1,200	22.0	26,400
NORTHWEST	112,000	73,000	21.0	1,530,600	17,000	13,200	23.1	304,900
BROWN	18,500	14,800	36.0	532,800	15,500	12,600	29.5	371,400
CAMPBELL	1,200	800	30.0	24,000	600	500	30.0	15,000
EDMUNDS	4,000	3,200	28.5	91,200	9,000	6,900	20.4	141,100
FAULK	8,000	5,000	25.0	125,000	18,000	12,300	18.0	221,000
MCPHERSON	500	400	23.0	9,200	2,000	1,500	20.5	30,700
POTTER	49,000	34,500	26.0	897,000	5,400	4,500	26.0	117,000
SPINK	3,800	3,600	36.5	131,400	4,200	3,300	25.0	82,500
WALWORTH	21,000	19,500	22.0	429,000	5,300	4,500	22.0	99,000
NORTH CENTRAL	106,000	81,800	27.4	2,239,600	60,000	46,100	23.4	1,077,700
CLARK	4,600	4,100	37.0	151,700	4,900	4,100	31.0	127,100
CODINGTON								
DAY	4,500	3,100	28.0	86,800	5,800	4,500	28.0	126,000
DEUEL								
GRANT	1,000	900	33.0	29,700	700	700	28.4	19,900
HAMLIN	4,400	4,300	39.0	167,500	2,500	2,300	30.5	70,100
MARSHALL	2,800	2,300	36.0	82,900	2,400	1,900	31.5	59,900
ROBERTS	2,300	1,300	30.0	39,000	700	600	30.0	18,000
OTHER	1,400	1,300	29.7	38,600	1,000	800	29.0	23,200
NORTHEAST	21,000	17,300	34.5	596,200	18,000	14,900	29.8	444,200
HAAKON	67,600	60,000	27.0	1,620,000	18,800	10,000	20.0	200,000
JACKSON								
LAWRENCE								
MEADE	69,300	50,000	23.0	1,150,000	7,400	2,100	23.0	48,300
PENNINGTON	54,100	46,700	23.0	1,074,100	1,800	1,300	23.0	29,900
STANLEY	88,800	76,500	26.0	1,989,000	6,200	4,000	26.0	104,000
OTHER	50,200	45,300	26.0	1,178,100	6,300	5,800	26.2	151,700
WEST CENTRAL	330,000	278,500	25.2	7,011,200	40,500	23,200	23.0	533,900
AURORA	8,400	8,000	30.0	240,000	4,000	3,200	23.0	73,600
BEADLE	34,600	33,500	38.5	1,288,100	28,600	27,400	33.0	904,300
BRULE	9,400	7,600	44.5	338,200	4,800	4,400	29.5	129,800
BUFFALO	6,300	4,500	25.0	112,500	2,200	800	25.0	20,000
HAND	48,100	43,000	24.5	1,051,400	47,700	40,500	21.5	869,100
HUGHES	40,100	39,000	22.0	858,000	6,300	5,200	13.5	70,200
HYDE	18,700	16,500	20.0	330,000	14,600	13,000	15.5	201,000
JERAULD	6,400	5,700	29.0	165,300	5,000	4,300	22.0	94,700
SULLY	123,000	109,500	21.0	2,299,500	8,800	6,900	21.0	144,900
CENTRAL	295,000	267,300	25.0	6,683,000	122,000	105,700	23.7	2,507,600
BROOKINGS								
DAVISON	2,600	2,200	40.5	89,100	2,800	2,500	32.0	80,100
HANSON	500	500	49.0	24,500	1,300	1,300	31.0	40,300
KINGSBURY	4,100	4,000	40.5	161,800	3,700	3,600	39.5	142,200
LAKE								
MCCOOK								
MINER	1,500	1,400	42.0	58,800	2,100	1,600	34.5	55,200
MINNEHAHA								
MOODY	900	900	35.0	31,500	2,000	1,900	33.5	63,700
SANBORN	1,400	1,400	34.0	47,600	3,000	2,900	29.6	85,700
OTHER	1,500	1,500	36.0	54,000	3,400	3,000	36.2	108,600
EAST CENTRAL	12,500	11,900	39.3	467,300	18,300	16,800	34.3	575,800
BENNETT	64,500	59,500	26.0	1,547,000	1,300	500	26.0	13,000
CUSTER								
FALL RIVER								
SHANNON	29,000	26,800	25.0	670,000	700	500	25.0	12,500
OTHER	20,500	12,900	28.5	367,500	900	600	27.5	16,500
SOUTHWEST	114,000	99,200	26.1	2,584,500	2,900	1,600	26.3	42,000
GREGORY	9,700	9,400	38.0	357,200	4,500	4,000	28.0	111,800
JONES	52,000	46,000	28.0	1,288,000	5,000	4,400	28.0	123,200
LYMAN	90,500	84,000	29.0	2,436,000	12,700	9,200	29.0	266,800
MELLETTE	28,500	25,500	24.0	612,000	2,300	1,600	24.0	38,400
TODD	8,000	7,600	23.0	174,800	900	800	23.0	18,400
TRIPP	63,300	60,000	29.0	1,740,000	20,600	15,900	19.5	309,300
SOUTH CENTRAL	252,000	232,500	28.4	6,608,000	46,000	35,900	24.2	867,900
BON HOMME								
CHARLES MIX	10,300	10,000	40.0	400,000	9,800	9,200	27.5	252,800
CLAY								
DOUGLAS	1,400	1,300	33.0	42,900	2,700	2,600	27.0	70,200
HUTCHINSON	1,400	1,300	42.0	54,600	4,200	4,100	31.5	129,000
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	900	900	31.8	28,600	2,100	1,700	27.9	47,500
SOUTHEAST	14,000	13,500	39.0	526,100	18,800	17,600	28.4	499,500
STATE	1,256,500	1,075,000	26.3	28,246,500	343,500	275,000	24.9	6,853,500

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS.

WINTER WHEAT, SOUTH DAKOTA 1990 1/

COUNTY AND DISTRICT	SUMMER FALLOW 2/				CONTINUOUS CROPLAND 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	7,500	6,700	24.0	160,800	4,300	2,700	20.5	55,400
CORSON	9,500	8,800	27.5	241,800	4,000	2,900	17.5	50,700
DEWEY	25,000	21,200	33.5	711,200	7,200	4,500	19.0	85,500
HARDING	15,000	8,700	31.5	274,200	2,400	1,200	19.0	22,800
PERKINS	39,000	32,200	32.0	1,031,900	7,200	2,500	17.5	43,800
ZIEBACH	36,000	31,200	34.5	1,075,200	5,600	2,400	28.0	67,200
NORTHWEST	132,000	108,800	32.1	3,495,100	30,700	16,200	20.1	325,400
BROWN	4,800	4,200	34.5	144,900	47,400	42,300	35.0	1,482,600
CAMPBELL								
EDMUNDS	7,000	6,500	36.5	237,100	19,700	17,700	29.0	513,100
FAULK	5,000	4,600	41.0	188,600	21,200	18,600	36.0	669,800
MCPHERSON								
POTTER	56,000	51,300	44.5	2,284,900	14,600	11,300	30.5	344,300
SPINK	7,100	5,400	40.0	216,000	17,600	16,300	36.0	586,900
WALWORTH	16,000	14,500	44.5	645,300	9,600	6,800	33.5	228,000
OTHER	1,100	600	28.0	16,800	3,000	1,900	26.4	50,100
NORTH CENTRAL	97,000	87,100	42.9	3,733,600	133,100	114,900	33.7	3,874,800
CLARK	2,500	1,900	37.0	70,300	7,600	6,500	34.4	223,700
CODINGTON								
DAY	2,500	1,600	41.0	65,600	7,700	6,600	31.1	205,000
DEUEL	600	500	32.0	16,000	1,100	1,100	30.5	33,600
GRANT								
HAMLIN	1,700	1,500	38.0	57,000	6,100	5,400	35.4	191,400
MARSHALL	1,100	900	35.8	32,200	3,600	3,400	31.0	105,400
ROBERTS	1,700	1,200	37.0	44,400	1,100	1,000	34.8	34,800
OTHER	900	900	37.8	34,000	2,000	1,700	34.3	58,300
NORTHEAST	11,000	8,500	37.6	319,500	29,200	25,700	33.2	852,200
HAAKON	87,000	75,400	35.5	2,673,500	27,000	23,500	33.5	788,000
JACKSON								
LAWRENCE								
MEADE	60,700	54,600	37.0	2,021,400	7,300	6,900	19.0	131,100
PENNINGTON	62,000	55,300	29.3	1,620,800	2,000	1,900	20.0	38,000
STANLEY	71,000	64,600	42.5	2,742,500	25,000	19,700	32.0	629,500
OTHER	49,300	40,400	34.9	1,410,100	9,700	9,300	29.0	269,900
WEST CENTRAL	330,000	290,300	36.1	10,468,300	71,000	61,300	30.3	1,856,500
AURORA	10,000	8,200	47.0	385,400	4,100	3,800	37.5	142,600
BEADLE	26,000	22,900	39.5	904,600	38,100	32,100	33.5	1,075,400
BRULE	13,000	11,500	45.5	523,200	9,100	8,100	39.5	319,600
BUFFALO	7,000	6,500	41.5	269,700	3,000	2,500	39.7	99,300
HAND	41,000	37,900	41.0	1,555,300	56,600	42,800	31.5	1,349,900
HUGHES	38,000	35,300	45.0	1,588,500	22,600	20,300	31.3	635,500
HYDE	18,000	16,200	39.5	639,900	17,900	16,200	28.5	461,700
JERAULD	5,000	4,700	45.0	211,500	5,500	4,700	41.0	192,700
SULLY	90,000	80,700	39.0	3,147,300	63,100	58,600	29.5	1,728,200
CENTRAL	248,000	223,900	41.2	9,225,400	220,000	189,100	31.8	6,004,900
BROOKINGS	900	800	36.5	29,200	2,800	2,400	34.5	82,800
DAVISON	2,000	1,700	36.0	61,200	6,700	6,300	33.5	210,800
HANSON								
KINGSBURY	4,600	4,200	31.0	130,200	9,600	8,200	28.0	229,400
LAKE								
MCCOOK								
MINER	900	800	36.5	29,200	4,100	3,400	23.5	80,000
MINNEHAHA								
MOODY								
SANBORN	1,500	1,400	41.0	57,400	5,200	4,800	34.5	165,800
OTHER	1,100	1,000	34.2	34,200	8,700	7,100	30.1	213,500
EAST CENTRAL	11,000	9,900	34.5	341,400	37,100	32,200	30.5	982,300
BENNETT	69,800	63,300	35.0	2,218,500	1,500	1,200	32.5	39,000
CUSTER								
FALL RIVER								
SHANNON	28,900	26,900	31.0	835,000	500	400	28.3	11,300
OTHER	21,300	16,500	29.6	489,100	700	500	33.4	16,700
SOUTHWEST	120,000	106,700	33.2	3,542,600	2,700	2,100	31.9	67,000
GREGORY	8,200	7,400	40.5	299,700	8,400	7,900	37.6	297,000
JONES	56,000	46,600	43.0	2,004,500	4,900	3,500	28.5	99,700
LYMAN	83,000	64,600	37.5	2,425,400	24,000	17,600	35.0	616,000
MELLETTE	28,800	27,200	42.5	1,155,200	6,800	6,400	40.0	256,000
TODD	7,000	6,600	33.0	217,800	2,300	2,200	25.0	55,000
TRIPP	57,000	53,400	38.0	2,029,200	31,800	29,200	35.2	1,027,000
SOUTH CENTRAL	240,000	205,800	39.5	8,131,800	78,200	66,800	35.2	2,350,700
BON HOMME								
CHARLES MIX	8,200	6,400	50.0	320,000	28,200	25,300	40.0	1,011,400
CLAY								
DOUGLAS	1,000	900	40.6	36,500	8,900	7,000	32.0	224,200
HUTCHINSON	1,200	1,100	54.0	59,400	7,600	7,000	39.0	272,700
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	600	600	38.5	23,100	3,300	2,400	33.8	81,200
SOUTHEAST	11,000	9,000	48.8	439,000	48,000	41,700	38.1	1,589,500
STATE	1,200,000	1,050,000	37.8	39,696,700	650,000	550,000	32.6	17,903,300

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

DURUM WHEAT, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	-------- ACRES --------		------ BUSHELS ------		----- ACRES -----		----- BUSHELS -----	
BUTTE								
CORSON	2,300	2,100	16.0	33,600	1,500	1,500	19.0	28,500
DEWEY	1,100	1,000	16.0	16,000	800	800	20.0	16,000
HARDING	6,600	6,100	17.0	103,700	5,600	5,500	22.0	121,000
PERKINS	2,200	2,000	25.0	50,000	1,800	1,600	24.0	38,400
ZIEBACH								
OTHER	800	600	16.7	10,000	600	600	25.0	15,000
NORTHWEST	13,000	11,800	18.1	213,300	10,300	10,000	21.9	218,900
BROWN	5,000	4,600	28.0	128,800	2,800	2,700	39.0	105,300
CAMPBELL	1,200	900	16.0	14,400	700	700	16.0	11,200
EDMUNDS	19,000	17,900	18.0	322,200	10,300	10,200	32.0	326,400
FAULK	1,000	800	15.0	12,000	800	800	39.0	31,200
MCPHERSON	7,500	7,000	17.0	119,000	4,200	4,200	28.0	117,600
POTTER	2,600	2,400	18.0	43,200	1,400	1,400	37.0	51,800
SPINK	6,000	5,100	22.0	112,200	3,300	3,300	31.0	102,300
WALWORTH	2,700	2,500	20.0	50,000	1,400	1,400	37.0	51,800
NORTH CENTRAL	45,000	41,200	19.5	801,800	24,900	24,700	32.3	797,600
CLARK	4,500	4,300	28.0	120,400	5,900	5,800	36.0	208,800
CODINGTON	5,900	5,500	25.0	137,500	4,600	4,600	44.0	202,400
DAY	25,700	24,900	31.0	771,900	21,800	21,700	44.0	954,800
DEUEL								
GRANT								
HAMLIN	1,600	1,400	30.0	42,000	1,200	1,200	40.0	48,000
MARSHALL	9,800	8,800	28.0	246,400	8,300	8,200	44.0	360,800
ROBERTS	2,500	2,400	30.0	72,000	2,200	2,200	42.0	92,400
OTHER	1,000	1,000	26.2	26,200	800	800	48.0	38,400
NORTHEAST	51,000	48,300	29.3	1,416,400	44,800	44,500	42.8	1,905,600
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY								
OTHER	500	400	15.8	6,300	200	200	30.0	6,000
WEST CENTRAL	500	400	15.8	6,300	200	200	30.0	6,000
AURORA								
BEADLE	4,800	4,200	24.0	100,800	1,900	1,800	31.0	55,800
BRULE								
BUFFALO								
HAND	1,000	800	14.0	11,200				
HUGHES	1,100	900	12.0	10,800				
HYDE								
JERAULD								
SULLY	2,200	1,600	13.0	20,800	900	900	31.0	27,900
OTHER	900	900	13.4	12,100	1,200	1,200	31.0	37,200
CENTRAL	10,000	8,400	18.5	155,700	4,000	3,900	31.0	120,900
BROOKINGS								
DAVISON								
HANSON	700	600	28.0	16,800				
KINGSBURY	5,600	5,400	32.0	172,800	2,400	2,300	21.0	48,300
LAKE								
MCCOOK								
MINER	1,500	1,400	27.0	37,800	600	600	33.0	19,800
MINNEHAHA								
MOODY								
SANBORN								
OTHER	1,400	1,400	27.1	38,000	1,900	1,900	33.0	62,700
EAST CENTRAL	9,200	8,800	30.2	265,400	4,900	4,800	27.3	130,800
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
OTHER	100	100	17.0	1,700	100	100	24.0	2,400
SOUTHWEST	100	100	17.0	1,700	100	100	24.0	2,400
GREGORY								
JONES								
LYMAN								
MELLETTE								
TODD								
TRIPP								
OTHER	600	500	18.4	9,200	300	300	31.0	9,300
SOUTH CENTRAL	600	500	18.4	9,200	300	300	31.0	9,300
BON HOMME								
CHARLES MIX								
CLAY								
DOUGLAS								
HUTCHINSON								
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	600	500	20.4	10,200	500	500	25.0	12,500
SOUTHEAST	600	500	20.4	10,200	500	500	25.0	12,500
STATE	130,000	120,000	24.0	2,880,000	90,000	89,000	36.0	3,204,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

OTHER SPRING WHEAT, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	6,000	5,500	19.0	104,500	7,000	6,400	17.0	108,800
CORSON	74,000	65,600	15.0	984,000	66,000	44,000	14.0	616,000
DEWEY	19,000	16,100	16.0	257,600	12,000	7,200	16.0	115,200
HARDING	14,000	13,000	19.0	247,000	13,000	6,300	15.0	94,500
PERKINS	67,000	62,400	23.0	1,435,200	50,000	39,000	19.0	741,000
ZIEBACH	18,000	15,400	14.0	215,600	9,000	6,300	16.0	100,800
NORTHWEST	198,000	178,000	18.2	3,243,900	157,000	109,200	16.3	1,776,300
BROWN	243,000	234,000	25.0	5,850,000	245,000	244,000	35.0	8,540,000
CAMPBELL	76,000	73,000	15.0	1,095,000	77,000	50,000	13.0	650,000
EDMUNDS	112,000	108,000	19.0	2,052,000	116,000	115,500	32.0	3,696,000
FAULK	82,000	73,900	15.0	1,108,500	95,000	94,800	32.0	3,033,600
MCPHERSON	61,000	58,500	17.0	994,500	64,000	62,300	26.0	1,619,800
POTTER	78,000	68,600	18.0	1,234,800	62,000	61,800	31.0	1,915,800
SPINK	219,000	211,000	22.0	4,642,000	221,000	220,000	34.0	7,480,000
WALWORTH	54,000	51,900	20.0	1,038,000	55,000	54,900	33.0	1,811,700
NORTH CENTRAL	925,000	878,900	20.5	18,014,800	935,000	903,300	31.8	28,746,900
CLARK	88,000	86,400	27.0	2,332,800	95,000	93,500	34.0	3,179,000
CODINGTON	55,600	54,200	25.0	1,355,000	60,000	59,900	42.0	2,515,800
DAY	98,000	95,500	29.0	2,769,500	110,000	109,800	41.0	4,501,800
DEUEL	28,700	28,000	24.0	672,000	30,000	29,900	40.0	1,196,000
GRANT	56,200	54,700	26.0	1,422,200	62,000	61,900	44.0	2,723,600
HAMLIN	34,000	33,400	29.0	968,600	39,000	38,800	40.0	1,552,000
MARSHALL	88,000	82,800	29.0	2,401,200	100,000	98,500	38.0	3,743,000
ROBERTS	101,500	95,500	30.0	2,865,000	119,000	118,900	39.0	4,637,100
NORTHEAST	550,000	530,500	27.9	14,786,300	615,000	611,200	39.3	24,048,300
HAAKON	28,500	20,000	11.0	220,000	6,000	5,400	22.0	118,800
JACKSON	7,000	5,400	17.0	91,800	2,400	2,100	18.0	37,800
LAWRENCE	500	200	14.0	2,800	600	300	17.0	5,100
MEADE	9,000	5,700	12.0	68,400	7,800	4,700	17.0	79,900
PENNINGTON	10,000	5,600	14.0	78,400	5,000	4,700	14.0	65,800
STANLEY	9,000	5,000	11.0	55,000	2,000	1,800	15.0	27,000
WEST CENTRAL	64,000	41,900	12.3	516,400	23,800	19,000	17.6	334,400
AURORA	8,000	6,800	12.0	81,600	9,000	8,500	28.0	238,000
BEADLE	48,000	47,900	22.0	1,053,800	58,000	57,500	31.0	1,782,500
BRULE	25,000	17,600	15.0	264,000	27,500	26,800	30.0	804,000
BUFFALO	1,800	1,200	15.0	18,000	3,500	3,200	21.0	67,200
HAND	32,200	28,700	14.0	401,800	44,000	43,700	27.0	1,179,900
HUGHES	45,000	40,500	11.0	445,500	33,000	32,900	26.0	855,400
HYDE	20,000	16,400	13.0	213,200	15,000	15,000	27.0	405,000
JERAULD	18,000	15,500	17.0	263,500	17,000	17,000	29.0	493,000
SULLY	67,000	59,000	13.0	767,000	66,000	65,700	26.0	1,708,200
CENTRAL	265,000	233,600	15.0	3,508,400	273,000	270,300	27.9	7,533,200
BROOKINGS	21,200	20,800	29.0	603,200	21,700	21,600	30.0	648,000
DAVISON	6,700	6,500	25.0	162,500	7,000	7,000	29.0	203,000
HANSON	2,800	2,800	28.0	78,400	4,200	4,200	31.0	130,200
KINGSBURY	64,000	62,100	32.0	1,987,200	66,400	58,900	24.0	1,413,600
LAKE	16,200	15,700	31.0	486,700	18,600	18,500	26.0	481,000
MCCOOK	2,800	2,500	26.0	65,000	4,400	4,400	27.0	118,800
MINER	16,600	15,200	27.0	410,400	17,400	17,300	23.0	397,900
MINNEHAHA	3,300	3,200	34.0	108,800	4,800	4,600	27.0	124,200
MOODY	3,700	3,600	29.0	104,400	4,500	4,500	33.0	148,500
SANBORN	10,700	9,100	21.0	191,100	8,000	8,000	21.0	168,000
EAST CENTRAL	148,000	141,500	29.7	4,197,700	157,000	149,000	25.7	3,833,200
BENNETT	900	700	12.0	8,400	700	600	13.0	7,800
CUSTER	1,100	700	18.0	12,600	600	500	14.0	7,000
FALL RIVER								
SHANNON								
OTHER	1,000	700	15.0	10,500	900	800	17.0	13,600
SOUTHWEST	3,000	2,100	15.0	31,500	2,200	1,900	14.9	28,400
GREGORY	2,500	2,200	21.0	46,200	2,200	2,200	27.0	59,400
JONES	1,500	1,000	13.0	13,000	1,600	1,400	17.0	23,800
LYMAN	800	600	12.0	7,200	1,000	900	29.0	26,100
MELLETTE								
TODD								
TRIPP	700	600	12.0	7,200	1,000	900	25.0	22,500
OTHER	900	700	13.9	9,700	700	600	25.0	15,000
SOUTH CENTRAL	6,400	5,100	16.3	83,300	6,500	6,000	24.5	146,800
BON HOMME	3,500	3,400	21.0	71,400	3,300	3,100	25.0	77,500
CHARLES MIX	18,900	18,300	17.0	311,100	11,300	11,200	24.0	268,800
CLAY	1,500	1,400	20.0	28,000	800	800	27.0	21,600
DOUGLAS	8,000	7,700	18.0	138,600	7,000	7,000	27.0	189,000
HUTCHINSON	4,300	4,100	22.0	90,200	4,200	4,100	25.0	102,500
LINCOLN								
TURNER	2,000	1,300	25.0	32,500	1,700	1,700	19.0	32,300
UNION	1,600	1,500	23.0	34,500	1,500	1,500	30.0	45,000
YANKTON								
OTHER	800	700	16.3	11,400	700	700	22.6	15,800
SOUTHEAST	40,600	38,400	18.7	717,700	30,500	30,100	25.0	752,500
STATE	2,200,000	2,050,000	22.0	45,100,000	2,200,000	2,100,000	32.0	67,200,000

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OTHER SPRING WHEAT, SOUTH DAKOTA 1989 1/

COUNTY AND DISTRICT	SUMMER FALLOW				CONTINUOUS CROPLAND			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	3,600	3,500	18.5	64,600	2,400	2,000	20.0	39,900
CORSON	39,200	37,500	16.5	618,800	34,800	28,100	13.0	365,200
DEWEY	12,000	10,000	17.5	175,000	7,000	6,100	13.5	82,600
HARDING	11,900	11,100	19.5	216,600	2,100	1,900	16.0	30,400
PERKINS	53,300	50,000	24.0	1,200,000	13,700	12,400	19.0	235,200
ZIEBACH	14,000	12,500	14.5	180,900	4,000	2,900	12.0	34,700
NORTHWEST	134,000	124,600	19.7	2,455,900	64,000	53,400	14.8	788,000
BROWN	26,000	25,500	27.0	688,500	217,000	208,500	24.8	5,161,500
CAMPBELL	36,000	34,800	15.0	522,000	40,000	38,200	15.0	573,000
EDMUNDS	32,000	31,000	20.5	635,500	80,000	77,000	18.4	1,416,500
FAULK	15,000	14,500	17.0	246,500	67,000	59,400	14.5	862,000
MCPHERSON	27,000	26,000	18.5	481,000	34,000	32,500	15.8	513,500
POTTER	38,000	35,500	19.0	673,100	40,000	33,100	17.0	561,700
SPINK	37,000	36,000	22.0	792,000	182,000	175,000	22.0	3,850,000
WALWORTH	32,000	31,000	22.0	682,000	22,000	20,900	17.0	356,000
NORTH CENTRAL	243,000	234,300	20.1	4,720,600	682,000	644,600	20.6	13,294,200
CLARK	8,800	8,700	31.5	274,100	79,200	77,700	26.5	2,058,700
CODINGTON	6,000	5,900	29.0	171,100	49,600	48,300	24.5	1,183,900
DAY	26,000	25,600	30.5	780,800	72,000	69,900	28.5	1,988,700
DEUEL	3,700	3,600	27.5	99,000	25,000	24,400	23.5	573,000
GRANT	7,200	7,100	26.0	184,600	49,000	47,600	26.0	1,237,600
HAMLIN	3,000	2,900	34.0	98,600	31,000	30,500	28.5	870,000
MARSHALL	9,000	8,100	31.0	251,100	79,000	74,700	28.8	2,150,100
ROBERTS	17,000	16,100	32.5	523,200	84,500	79,400	29.5	2,341,800
NORTHEAST	80,700	78,000	30.5	2,382,500	469,300	452,500	27.4	12,403,800
HAAKON	14,000	9,000	11.0	99,000	14,500	11,000	11.0	121,000
JACKSON								
LAWRENCE								
MEADE	7,000	4,700	12.0	56,400	2,000	1,000	12.0	12,000
PENNINGTON	8,000	4,600	14.0	64,400	2,000	1,000	14.0	14,000
STANLEY	4,500	3,000	11.0	33,000	4,500	2,000	11.0	22,000
OTHER	3,800	2,800	17.9	50,000	3,700	2,800	15.9	44,600
WEST CENTRAL	37,300	24,100	12.6	302,800	26,700	17,800	12.0	213,600
AURORA								
BEADLE	5,000	5,000	26.0	130,000	43,000	42,900	21.5	923,800
BRULE	2,800	2,100	15.0	31,500	22,200	15,500	15.0	232,500
BUFFALO								
HAND	4,600	4,000	17.0	68,000	27,600	24,700	13.5	333,800
HUGHES	10,500	9,500	12.5	118,800	34,500	31,000	10.5	326,700
HYDE	5,000	4,100	14.5	59,400	15,000	12,300	12.5	153,800
JERAULD	1,500	1,400	17.0	23,800	16,500	14,100	17.0	239,700
SULLY	21,000	19,500	16.0	312,000	46,000	39,500	11.5	455,000
OTHER	1,000	800	15.9	12,700	8,800	7,200	12.1	86,900
CENTRAL	51,400	46,400	16.3	756,200	213,600	187,200	14.7	2,752,200
BROOKINGS	2,000	1,900	31.0	58,900	19,200	18,900	28.8	544,300
DAVISON	1,500	1,500	25.0	37,500	5,200	5,000	25.0	125,000
HANSON								
KINGSBURY	6,000	5,900	32.0	188,800	58,000	56,200	32.0	1,798,400
LAKE	1,400	1,400	31.0	43,400	14,800	14,300	31.0	443,300
MCCOOK								
MINER	1,500	1,400	27.0	37,800	15,100	13,800	27.0	372,600
MINNEHAHA								
MOODY								
SANBORN	700	600	21.0	12,600	10,000	8,500	21.0	178,500
OTHER	1,000	1,000	29.7	29,700	11,600	11,100	29.5	326,900
EAST CENTRAL	14,100	13,700	29.8	408,700	133,900	127,800	29.6	3,789,000
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
OTHER	1,500	900	16.2	14,600	1,500	1,200	14.1	16,900
SOUTHWEST	1,500	900	16.2	14,600	1,500	1,200	14.1	16,900
GREGORY	500	400	25.5	10,200	2,000	1,800	20.0	36,000
JONES								
LYMAN								
MELLETTE								
TODD								
TRIPP								
OTHER	1,300	1,000	13.9	13,900	2,600	1,900	12.2	23,200
SOUTH CENTRAL	1,800	1,400	17.2	24,100	4,600	3,700	16.0	59,200
BON HOMME	1,200	1,200	22.0	26,400	2,300	2,200	20.5	45,000
CHARLES MIX	6,500	6,400	17.0	108,800	12,400	11,900	17.0	202,300
CLAY								
DOUGLAS	700	700	18.0	12,600	7,300	7,000	18.0	126,000
HUTCHINSON	1,100	1,100	22.0	24,200	3,200	3,000	22.0	66,000
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	1,000	900	20.9	18,800	4,900	4,000	21.9	87,600
SOUTHEAST	10,500	10,300	18.5	190,800	30,100	28,100	18.8	526,900
STATE	574,300	533,700	21.1	11,256,200	1,625,700	1,516,300	22.3	33,843,800

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OTHER SPRING WHEAT, SOUTH DAKOTA 1990 1/

COUNTY AND DISTRICT	SUMMER FALLOW 2/				CONTINUOUS CROPLAND 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	2,600	2,500	18.5	46,300	4,400	3,900	16.0	62,500
CORSON	30,400	26,300	18.0	474,400	35,600	17,700	8.0	141,600
DEWEY	6,700	5,200	18.5	96,200	5,300	2,000	9.5	19,000
HARDING	9,000	4,400	16.5	72,600	4,000	1,900	11.5	21,900
PERKINS	32,000	29,000	21.9	636,000	18,000	10,000	10.5	105,000
ZIEBACH	7,300	5,100	18.0	91,800	1,700	1,200	7.5	9,000
NORTHWEST	88,000	72,500	19.5	1,417,300	69,000	36,700	9.8	359,000
BROWN	13,700	13,400	38.0	509,200	231,300	230,600	34.8	8,030,800
CAMPBELL	25,900	18,700	21.4	399,400	51,100	31,300	8.0	250,600
EDMUNDS	17,700	17,500	37.5	656,300	98,300	98,000	31.0	3,039,700
FAULK	11,100	11,000	36.0	395,600	83,900	83,800	31.5	2,638,000
MCPHERSON	10,800	10,300	31.0	319,300	53,200	52,000	25.0	1,300,500
POTTER	16,500	16,500	33.5	552,800	45,500	45,300	30.1	1,363,000
SPINK	17,800	17,600	32.8	578,000	203,200	202,400	34.1	6,902,000
WALWORTH	26,500	26,500	39.5	1,046,000	28,500	28,400	27.0	765,700
NORTH CENTRAL	140,000	131,500	33.9	4,456,600	795,000	771,800	31.5	24,290,300
CLARK	5,300	5,200	33.5	174,200	89,700	88,300	34.0	3,004,800
CODINGTON	3,800	3,800	45.0	171,000	56,200	56,100	41.8	2,344,800
DAY	12,000	12,000	43.0	516,000	98,000	97,800	40.8	3,985,800
DEUEL	2,600	2,600	42.0	109,200	27,400	27,300	39.8	1,086,800
GRANT	2,000	2,000	39.0	78,000	60,000	59,900	44.2	2,645,600
HAMLIN	1,300	1,300	44.0	57,200	37,700	37,500	39.9	1,494,800
MARSHALL	9,000	8,600	33.0	283,800	91,000	89,900	38.5	3,459,200
ROBERTS	9,000	9,000	38.0	342,000	110,000	109,900	39.1	4,295,100
NORTHEAST	45,000	44,500	38.9	1,731,400	570,000	566,700	39.4	22,316,900
HAAKON	2,500	2,200	15.5	34,100	3,500	3,200	26.5	84,700
JACKSON								
LAWRENCE								
MEADE	4,200	2,900	18.6	53,800	3,600	1,800	14.5	26,100
PENNINGTON	3,000	2,800	15.0	42,000	2,000	1,900	12.5	23,800
STANLEY	500	400	16.0	6,400	1,500	1,400	14.7	20,600
OTHER	1,800	1,400	20.7	29,000	1,200	1,000	13.9	13,900
WEST CENTRAL	12,000	9,700	17.0	165,300	11,800	9,300	18.2	169,100
AURORA	3,000	3,000	30.0	90,000	6,000	5,500	26.9	148,000
BEADLE	6,000	5,900	35.5	209,500	52,000	51,600	30.5	1,573,000
BRULE	3,000	2,800	33.0	92,400	24,500	24,000	29.7	711,600
BUFFALO	500	500	23.6	11,800	3,000	2,700	20.5	55,400
HAND	3,500	3,500	31.0	108,500	40,500	40,200	26.7	1,071,400
HUGHES	8,000	7,900	32.5	256,700	25,000	25,000	23.9	598,700
HYDE	4,000	4,000	30.0	120,000	11,000	11,000	25.9	285,000
JERAULD	4,000	4,000	32.0	128,000	13,000	13,000	28.1	365,000
SULLY	18,000	18,000	35.5	639,000	48,000	47,700	22.4	1,069,200
CENTRAL	50,000	49,600	33.4	1,655,900	223,000	220,700	26.6	5,877,300
BROOKINGS	1,200	1,200	30.5	36,600	20,500	20,400	30.0	611,400
DAVISON	700	700	31.0	21,700	6,300	6,300	28.8	181,300
HANSON								
KINGSBURY	3,500	3,200	30.0	96,000	62,900	55,700	23.7	1,317,600
LAKE	2,900	2,800	24.0	67,200	15,700	15,700	26.4	413,800
MCCOOK								
MINER	700	700	25.0	17,500	16,700	16,600	22.9	380,400
MINNEHAHA								
MOODY								
SANBORN								
OTHER	1,000	1,000	32.3	32,300	24,900	24,700	26.6	657,400
EAST CENTRAL	10,000	9,600	28.3	271,300	147,000	139,400	25.6	3,561,900
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
OTHER	1,600	1,400	15.9	22,200	600	500	12.4	6,200
SOUTHWEST	1,600	1,400	15.9	22,200	600	500	12.4	6,200
GREGORY	500	500	35.0	17,500	1,700	1,700	24.6	41,900
JONES								
LYMAN								
MELLETTE								
TODD								
TRIPP								
OTHER	900	800	26.4	21,100	3,400	3,000	22.1	66,300
SOUTH CENTRAL	1,400	1,300	29.7	38,600	5,100	4,700	23.0	108,200
BON HOMME								
CHARLES MIX	900	900	27.0	24,300	10,400	10,300	23.7	244,500
CLAY								
DOUGLAS								
HUTCHINSON								
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	1,100	1,000	28.1	28,100	18,100	17,900	25.5	455,600
SOUTHEAST	2,000	1,900	27.6	52,400	28,500	28,200	24.8	700,100
STATE	350,000	322,000	30.5	9,811,000	1,850,000	1,778,000	32.3	57,389,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

OATS, SOUTH DAKOTA

COUNTY AND DISTRICT	1989				1990 1/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	9,000	4,800	47.0	225,600	10,000	2,600	44.0	114,400
CORSON	24,000	7,400	24.0	177,600	24,000	4,100	24.0	98,400
DEWEY	19,000	10,800	31.0	334,800	13,500	2,400	20.0	48,000
HARDING	18,000	12,700	39.0	495,300	20,500	3,100	24.0	74,400
PERKINS	30,000	16,400	33.0	541,200	29,500	4,200	24.0	100,800
ZIEBACH	11,000	2,900	25.0	72,500	10,000	1,100	25.0	27,500
NORTHWEST	111,000	55,000	33.6	1,847,000	107,500	17,500	26.5	463,500
BROWN	32,000	30,700	40.0	1,228,000	25,000	20,200	59.0	1,191,800
CAMPBELL	20,000	9,700	27.0	261,900	19,000	4,400	43.0	189,200
EDMUNDS	35,000	32,000	36.0	1,152,000	31,000	26,500	58.0	1,537,000
FAULK	33,000	15,200	28.0	425,600	27,000	20,500	60.0	1,230,000
MCPHERSON	31,000	24,400	30.0	732,000	30,000	22,700	49.0	1,112,300
POTTER	32,000	26,000	34.0	884,000	27,000	22,800	66.0	1,504,800
SPINK	31,000	29,500	39.0	1,150,500	22,000	20,100	63.0	1,266,300
WALWORTH	23,000	17,500	29.0	507,500	21,000	14,300	59.0	843,700
NORTH CENTRAL	237,000	185,000	34.3	6,341,500	202,000	151,500	58.6	8,875,100
CLARK	27,000	25,700	56.0	1,439,200	24,500	22,500	75.0	1,687,500
CODINGTON	35,000	33,900	48.0	1,627,200	28,000	26,400	84.0	2,217,600
DAY	24,000	23,600	54.0	1,274,400	20,500	20,000	70.0	1,400,000
DEUEL	37,000	35,800	47.0	1,682,600	30,500	29,000	80.0	2,320,000
GRANT	22,000	21,400	49.0	1,048,600	15,500	15,100	80.0	1,208,000
HAMLIN	32,000	31,400	52.0	1,632,800	23,000	22,400	84.0	1,881,600
MARSHALL	15,000	14,600	43.0	627,800	13,000	11,300	68.0	768,400
ROBERTS	20,000	18,600	48.0	892,800	14,000	13,300	73.0	970,900
NORTHEAST	212,000	205,000	49.9	10,225,400	169,000	160,000	77.8	12,454,000
HAAKON	13,500	5,600	19.0	106,400	12,000	3,200	25.0	80,000
JACKSON	9,000	2,100	18.0	37,800	2,500	500	31.0	15,500
LAWRENCE	2,500	800	30.0	24,000	1,500	300	35.0	10,500
MEADE	24,000	9,500	20.0	190,000	22,000	6,400	26.0	166,400
PENNINGTON	8,500	4,200	17.0	71,400	8,000	4,100	29.0	118,900
STANLEY	7,500	2,800	24.0	67,200	4,000	2,500	34.0	85,000
WEST CENTRAL	65,000	25,000	19.9	496,800	50,000	17,000	28.0	476,300
AURORA	37,000	20,800	22.0	457,600	33,000	28,300	49.0	1,386,700
BEADLE	42,000	38,900	40.0	1,556,000	29,000	25,100	63.0	1,581,300
BRULE	29,000	16,600	22.0	365,200	28,000	22,500	46.0	1,035,000
BUFFALO	4,500	1,000	15.0	15,000	3,000	2,400	47.0	112,800
HAND	34,500	15,900	27.0	429,300	27,000	16,100	54.0	869,400
HUGHES	15,500	3,500	16.0	56,000	13,000	6,700	48.0	321,600
HYDE	19,000	6,100	22.0	134,200	18,000	10,700	55.0	588,500
JERAULD	13,000	6,400	27.0	172,800	11,000	9,400	52.0	488,800
SULLY	19,500	10,800	26.0	280,800	13,000	7,300	51.0	372,300
CENTRAL	214,000	120,000	28.9	3,466,900	175,000	128,500	52.6	6,756,400
BROOKINGS	37,000	36,100	56.0	2,021,600	32,000	31,200	65.0	2,028,000
DAVISON	35,000	29,100	34.0	989,400	33,000	31,500	52.0	1,638,000
HANSON	33,000	31,500	40.0	1,260,000	32,000	30,400	47.0	1,428,800
KINGSBURY	23,000	22,800	69.0	1,573,200	20,500	19,800	65.0	1,287,000
LAKE	22,000	21,300	55.0	1,171,500	17,000	16,200	60.0	972,000
MCCOOK	21,000	20,300	47.0	954,100	21,000	18,800	59.0	1,109,200
MINER	28,000	26,200	45.0	1,179,000	20,000	19,000	53.0	1,007,000
MINNEHAHA	24,000	23,200	54.0	1,252,800	23,000	19,000	54.0	1,026,000
MOODY	17,000	16,600	61.0	1,012,600	12,500	10,900	70.0	763,000
SANBORN	23,000	17,900	34.0	608,600	18,000	16,200	46.0	745,200
EAST CENTRAL	263,000	245,000	49.1	12,022,800	229,000	213,000	56.4	12,004,200
BENNETT	6,000	1,200	18.0	21,600	5,600	3,200	27.0	86,400
CUSTER	3,600	1,400	15.0	21,000	3,600	1,100	27.0	29,700
FALL RIVER	4,400	1,900	21.0	39,900	3,400	1,100	26.0	28,600
SHANNON	2,000	500	18.0	9,000	1,900	1,100	26.0	28,600
SOUTHWEST	16,000	5,000	18.3	91,500	14,500	6,500	26.7	173,300
GREGORY	39,500	36,900	35.0	1,291,500	35,000	32,500	50.0	1,625,000
JONES	4,500	1,100	18.0	19,800	4,000	1,900	46.0	87,400
LYMAN	9,000	4,100	20.0	82,000	6,000	3,500	44.0	154,000
MELLETTE	3,700	900	15.0	13,500	3,500	2,200	41.0	90,200
TODD	4,800	1,200	10.0	12,000	5,500	3,400	31.0	105,400
TRIPP	39,500	20,800	25.0	520,000	30,000	27,000	49.0	1,323,000
SOUTH CENTRAL	101,000	65,000	29.8	1,938,800	84,000	70,500	48.0	3,385,000
BON HOMME	29,000	24,200	38.0	919,600	29,000	25,400	47.0	1,193,800
CHARLES MIX	50,000	48,400	35.0	1,694,000	49,000	41,000	45.0	1,845,000
CLAY	7,500	7,200	45.0	324,000	6,000	5,600	59.0	330,400
DOUGLAS	36,000	25,000	32.0	800,000	35,000	30,000	43.0	1,290,000
HUTCHINSON	40,000	34,700	39.0	1,353,300	38,000	31,200	43.0	1,341,600
LINCOLN	13,000	12,400	51.0	632,400	12,000	9,600	54.0	518,400
TURNER	25,000	19,500	48.0	936,000	22,000	17,600	49.0	862,400
UNION	13,500	12,900	44.0	567,600	12,000	9,800	60.0	588,000
YANKTON	17,000	10,700	32.0	342,400	16,000	15,300	42.0	642,600
SOUTHEAST	231,000	195,000	38.8	7,569,300	219,000	185,500	46.4	8,612,200
STATE	1,450,000	1,100,000	40.0	44,000,000	1,250,000	950,000	56.0	53,200,000

1/PRELIMINARY.

PRODUCTION MAP ON PAGE 42

BARLEY, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	2,800	2,100	38.0	79,800	2,600	2,500	44.0	110,000
CORSON	10,500	6,100	21.0	128,100	7,200	4,400	23.0	101,200
DEWEY	5,400	3,200	19.0	60,800	3,200	1,200	15.0	18,000
HARDING	9,300	6,300	28.0	176,400	8,000	1,300	18.0	23,400
PERKINS	22,000	16,300	34.0	554,200	19,000	16,500	29.0	478,500
ZIEBACH	5,000	3,100	20.0	62,000	3,000	1,000	21.0	21,000
NORTHWEST	55,000	37,100	28.6	1,061,300	43,000	26,900	28.0	752,100
BROWN	60,300	57,400	41.0	2,353,400	54,500	50,500	54.0	2,727,000
CAMPBELL	14,200	12,100	21.0	254,100	12,400	6,000	29.0	174,000
EDMUNDS	38,500	35,000	34.0	1,190,000	29,800	29,300	49.0	1,435,700
FAULK	27,300	23,900	31.0	740,900	23,400	23,300	51.0	1,188,300
MCPHERSON	25,000	21,800	32.0	697,600	23,200	21,400	44.0	941,600
POTTER	27,500	21,800	28.0	610,400	20,800	20,800	47.0	977,600
SPINK	27,100	25,500	36.0	918,000	24,000	23,900	53.0	1,266,700
WALWORTH	12,100	10,500	27.0	283,500	9,900	9,700	44.0	426,800
NORTH CENTRAL	232,000	208,000	33.9	7,047,900	198,000	184,900	49.4	9,137,700
CLARK	10,500	10,200	36.0	367,200	10,000	9,200	50.0	460,000
CODINGTON	20,500	18,800	39.0	733,200	17,000	16,200	58.0	939,600
DAY	35,500	34,300	45.0	1,543,500	34,400	33,500	55.0	1,842,500
DEUEL	5,600	5,100	45.0	229,500	4,000	4,000	52.0	208,000
GRANT	5,500	5,300	34.0	180,200	4,800	4,800	62.0	297,600
HAMLIN	9,500	9,200	42.0	386,400	9,000	8,900	58.0	516,200
MARSHALL	19,000	18,200	46.0	837,200	17,800	17,200	56.0	963,200
ROBERTS	43,900	42,900	46.0	1,973,400	41,000	39,500	60.0	2,370,000
NORTHEAST	150,000	144,000	43.4	6,250,600	138,000	133,300	57.0	7,597,100
HAAKON	3,700	1,400	16.0	22,400	1,900	900	16.0	14,400
JACKSON	2,000	1,600	22.0	35,200	500	400	25.0	10,000
LAWRENCE								
MEADE	10,200	7,500	18.0	135,000	4,900	2,800	18.0	50,400
PENNINGTON	4,900	2,900	17.0	49,300	2,100	800	21.0	16,800
STANLEY								
OTHER	1,200	800	21.8	17,400	600	500	23.0	11,500
WEST CENTRAL	22,000	14,200	18.3	259,300	10,000	5,400	19.1	103,100
AURORA	13,000	10,600	25.0	265,000	10,700	10,600	45.0	477,000
BEADLE	15,000	13,200	30.0	396,000	11,000	10,900	54.0	588,600
BRULE	5,700	3,700	20.0	74,000	3,800	3,800	43.0	163,400
BUFFALO	3,100	1,600	16.0	25,600	2,500	2,500	45.0	112,500
HAND	28,500	15,300	20.0	306,000	25,600	23,000	50.0	1,150,000
HUGHES	1,700	1,200	20.0	24,000	1,100	1,000	51.0	51,000
HYDE	9,300	4,900	19.0	93,100	8,200	8,100	49.0	396,900
JERAULD	8,000	5,900	19.0	112,100	5,300	5,300	47.0	249,100
SULLY	3,700	2,600	19.0	49,400	2,800	2,800	41.0	114,800
CENTRAL	88,000	59,000	22.8	1,345,200	71,000	68,000	48.6	3,303,300
BROOKINGS	6,500	6,200	40.0	248,000	6,000	5,700	42.0	239,400
DAVISON	4,700	3,500	34.0	119,000	5,000	4,900	50.0	245,000
HANSON	6,500	5,300	30.0	159,000	7,500	6,500	44.0	286,000
KINGSBURY	16,300	15,500	55.0	852,500	14,000	11,000	44.0	484,000
LAKE	8,700	8,300	48.0	398,400	9,500	9,400	46.0	432,400
MCCOOK	6,500	5,000	42.0	210,000	6,000	5,400	49.0	264,600
MINER	12,100	11,500	36.0	414,000	11,500	11,200	47.0	526,400
MINNEHAHA	1,100	700	38.0	26,600	800	400	53.0	21,200
MOODY	1,400	1,300	38.0	49,400	700	600	45.0	27,000
SANBORN	4,200	3,900	31.0	120,900	3,000	2,300	46.0	105,800
EAST CENTRAL	68,000	61,200	42.4	2,597,800	64,000	57,400	45.9	2,631,800
BENNETT	3,400	2,500	21.0	52,500				
CUSTER	800	400	16.0	6,400	700	600	25.0	15,000
FALL RIVER	800	400	18.0	7,200				
SHANNON	2,000	1,200	18.0	21,600	1,400	1,300	20.0	26,000
OTHER					900	600	26.0	15,600
SOUTHWEST	7,000	4,500	19.5	87,700	3,000	2,500	22.6	56,600
GREGORY	2,300	1,600	26.0	41,600	2,000	1,800	45.0	81,000
JONES								
LYMAN								
MELLETTE	800	400	16.0	6,400				
TODD	1,000	400	16.0	6,400	800	600	34.0	20,400
TRIPP	5,000	3,400	16.0	54,400	3,400	3,200	33.0	105,600
OTHER	900	400	27.0	10,800	800	700	39.3	27,500
SOUTH CENTRAL	10,000	6,200	19.3	119,600	7,000	6,300	37.2	234,500
BON HOMME	1,100	800	29.0	23,200	1,000	900	51.0	45,900
CHARLES MIX	4,500	4,200	29.0	121,800	3,800	3,700	46.0	170,200
CLAY								
DOUGLAS	5,700	4,600	28.0	128,800	5,400	5,200	41.0	213,200
HUTCHINSON	3,800	3,700	32.0	118,400	4,100	4,000	45.0	180,000
LINCOLN								
TURNER	900	700	34.0	23,800	800	700	52.0	36,400
UNION	700	600	45.0	27,000				
YANKTON	800	700	30.0	21,000				
OTHER	500	500	33.2	16,600	900	800	47.6	38,100
SOUTHEAST	18,000	15,800	30.4	480,600	16,000	15,300	44.7	683,800
STATE	650,000	550,000	35.0	19,250,000	550,000	500,000	49.0	24,500,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

PRODUCTION MAP ON PAGE 42

RYE, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE								
CORSON					1,100	900	13.0	11,700
DEWEY								
HARDING					1,100	900	15.0	13,500
PERKINS								
ZIEBACH								
OTHER	1,000	900	19.9	17,900	1,100	800	17.0	13,600
NORTHWEST	1,000	900	19.9	17,900	3,300	2,600	14.9	38,800
BROWN	4,700	4,200	41.0	172,200	3,900	3,900	34.0	132,600
CAMPBELL	1,400	1,200	27.0	32,400				
EDMUNDS	9,800	8,200	32.0	262,400	6,500	6,400	36.0	230,400
FAULK	16,400	13,000	30.0	390,000	9,200	9,100	37.0	336,700
MCPHERSON	800	700	30.0	21,000	1,200	1,100	37.0	40,700
POTTER					500	500	37.0	18,500
SPINK	10,200	9,600	40.0	384,000	6,200	6,000	32.0	192,000
WALWORTH								
OTHER	200	200	26.0	5,200	600	500	31.6	15,800
NORTH CENTRAL	43,500	37,100	34.2	1,267,200	28,100	27,500	35.2	966,700
CLARK	8,400	8,200	42.0	344,400	3,700	3,200	29.0	92,800
CODINGTON	8,900	8,500	42.0	357,000	4,600	4,500	39.0	175,500
DAY	5,600	5,300	40.0	212,000	3,600	3,500	40.0	140,000
DEUEL	2,300	2,300	35.0	80,500	1,400	1,300	40.0	52,000
GRANT	5,800	5,600	38.0	212,800	2,800	2,700	40.0	108,000
HAMLIN	1,600	1,600	30.0	48,000	900	900	42.0	37,800
MARSHALL	2,800	2,800	40.0	112,000	700	600	35.0	21,000
ROBERTS	4,900	4,700	34.0	159,800	2,100	1,700	34.0	57,800
NORTHEAST	40,300	39,000	39.1	1,526,500	19,800	18,400	37.2	684,900
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY								
OTHER	200	200	23.0	4,600	600	400	17.0	6,800
WEST CENTRAL	200	200	23.0	4,600	600	400	17.0	6,800
AURORA	500	400	27.0	10,800				
BEADLE	2,200	1,900	36.0	68,400				
BRULE								
BUFFALO								
HAND	1,600	1,100	32.0	35,200	800	600	29.0	17,400
HUGHES								
HYDE	500	400	27.0	10,800				
JERAULD								
SULLY								
OTHER	800	500	26.2	13,100	1,200	1,100	25.2	27,700
CENTRAL	5,600	4,300	32.2	138,300	2,000	1,700	26.5	45,100
BROOKINGS	800	700	35.0	24,500	600	500	45.0	22,500
DAVISON	500	500	32.0	16,000				
HANSON								
KINGSBURY	1,900	1,600	49.0	78,400	700	600	24.0	14,400
LAKE								
MCCOOK								
MINER	600	500	40.0	20,000				
MINNEHAHA								
MOODY								
SANBORN	500	500	34.0	17,000	600	400	27.0	10,800
OTHER	700	700	35.1	24,600	600	600	32.3	19,400
EAST CENTRAL	5,000	4,500	40.1	180,500	2,500	2,100	32.0	67,100
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
OTHER	500	500	21.8	10,900	600	400	20.0	8,000
SOUTHWEST	500	500	21.8	10,900	600	400	20.0	8,000
GREGORY	500	400	26.0	10,400				
JONES								
LYMAN								
MELLETTE								
TODD								
TRIPP	1,000	900	20.0	18,000				
OTHER	800	800	22.3	17,800	900	600	22.0	13,200
SOUTH CENTRAL	2,300	2,100	22.0	46,200	900	600	22.0	13,200
BON HOMME	900	700	38.0	26,600	900	400	32.0	12,800
CHARLES MIX								
CLAY								
DOUGLAS								
HUTCHINSON								
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	700	700	30.4	21,300	1,300	900	29.6	26,600
SOUTHEAST	1,600	1,400	34.2	47,900	2,200	1,300	30.3	39,400
STATE	100,000	90,000	36.0	3,240,000	60,000	55,000	34.0	1,870,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

PRODUCTION MAP ON PAGE 43

FLAXSEED, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE								
CORSON	700	700	6.0	4,200	600	400	9.0	3,600
DEWEY								
HARDING								
PERKINS								
ZIEBACH	500	500	6.0	3,000				
OTHER	500	500	6.0	3,000	600	500	9.0	4,500
NORTHWEST	1,700	1,700	6.0	10,200	1,200	900	9.0	8,100
BROWN	1,400	1,300	6.0	7,800	2,700	2,700	16.0	43,200
CAMPBELL								
EDMUNDS	2,100	1,700	10.0	17,000	1,700	1,600	17.0	27,200
FAULK								
MCPHERSON	1,000	900	6.0	5,400	1,100	1,100	8.0	8,800
POTTER					1,000	1,000	20.0	20,000
SPINK								
WALWORTH					500	500	18.0	9,000
OTHER	1,200	1,100	6.4	7,000	900	800	16.0	12,800
NORTH CENTRAL	5,700	5,000	7.4	37,200	7,900	7,700	15.7	121,000
CLARK	1,200	1,200	14.0	16,800	2,400	2,400	19.0	45,600
CODINGTON	800	700	13.0	9,100	2,400	2,400	26.0	62,400
DAY	1,500	1,400	15.0	21,000	2,500	2,300	22.0	50,600
DEUEL								
GRANT					500	400	23.0	9,200
HAMLIN	500	500	14.0	7,000	600	600	26.0	15,600
MARSHALL	600	500	13.0	6,500				
ROBERTS					800	800	19.0	15,200
OTHER	800	800	11.0	8,800	700	600	24.0	14,400
NORTHEAST	5,400	5,100	13.6	69,200	9,900	9,500	22.4	213,000
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY								
WEST CENTRAL								
AURORA								
BEADLE								
BRULE								
BUFFALO								
HAND								
HUGHES								
HYDE								
JERAULD								
SULLY								
CENTRAL								
BROOKINGS	500	500	15.0	7,500	900	900	22.0	19,800
DAVISON								
HANSON								
KINGSBURY					2,100	2,000	18.0	36,000
LAKE					500	500	20.0	10,000
MCCOOK								
MINER					1,300	1,300	23.0	29,900
MINNEHAHA								
MOODY								
SANBORN								
OTHER	600	600	13.7	8,200	100	100	20.0	2,000
EAST CENTRAL	1,100	1,100	14.3	15,700	4,900	4,800	20.4	97,700
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
SOUTHWEST								
GREGORY								
JONES								
LYMAN								
MELLETTE								
TODD								
TRIPP								
OTHER					500	500	13.0	6,500
SOUTH CENTRAL					500	500	13.0	6,500
BON HOMME								
CHARLES MIX								
CLAY								
DOUGLAS								
HUTCHINSON								
LINCOLN								
TURNER								
UNION								
YANKTON								
SOUTHEAST								
OTHER DISTRICTS	1,100	1,100	7.0	7,700	600	600	16.2	9,700
STATE	15,000	14,000	10.0	140,000	25,000	24,000	19.0	456,000

1/ COUNTIES AND DISTRICTS WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* OR *OTHER DISTRICTS* AND INCLUDED IN THE DISTRICT AND/OR STATE TOTALS. 2/ PRELIMINARY.

PRODUCTION MAP ON PAGE 43

SOYBEANS, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE								
CORSON	600	300	18.0	5,400				
DEWEY								
HARDING								
PERKINS								
ZIEBACH								
OTHER	400	300	22.0	5,600				
NORTHWEST	1,000	600	20.0	12,000				
BROWN	49,900	44,000	23.0	1,012,000	58,500	56,600	31.0	1,754,600
CAMPBELL								
EDMUNDS	2,700	2,600	13.0	33,800	2,600	2,500	21.0	52,500
FAULK	3,900	3,300	16.0	52,800	4,000	3,900	29.0	113,100
MCPHERSON								
POTTER								
SPINK	91,100	87,800	17.0	1,492,600	79,300	75,100	26.0	1,952,600
WALWORTH	1,500	1,400	13.0	18,200	1,100	1,000	23.0	23,000
OTHER	900	900	12.0	10,800	500	500	21.8	10,900
NORTH CENTRAL	150,000	140,000	18.7	2,620,200	146,000	139,600	28.0	3,906,700
CLARK	34,200	33,800	22.0	745,100	33,100	32,400	23.0	745,200
CODINGTON	41,500	41,400	25.0	1,035,000	51,900	51,500	30.0	1,545,000
DAY	19,600	19,500	25.0	487,500	23,500	23,400	26.0	608,400
DEUEL	42,200	42,100	25.0	1,052,500	50,200	49,900	33.0	1,646,700
GRANT	53,800	53,700	30.0	1,611,000	67,100	67,000	33.0	2,211,000
HAMLIN	43,700	43,600	26.0	1,133,600	54,400	53,500	31.0	1,658,500
MARSHALL	8,700	8,700	27.5	239,400	11,200	11,100	28.0	310,800
ROBERTS	78,300	78,200	30.0	2,346,000	94,600	94,200	31.0	2,920,200
NORTHEAST	322,000	321,000	26.9	8,650,100	386,000	383,000	30.4	11,645,800
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY								
WEST CENTRAL								
AURORA	15,400	14,700	14.0	205,800	14,700	14,400	23.0	331,200
BEADLE	36,600	36,300	22.0	798,600	27,200	24,500	20.0	490,000
BRULE	13,100	11,000	12.0	132,000	11,200	10,400	26.0	270,400
BUFFALO	3,200	3,000	19.0	57,000				
HAND	6,900	6,000	16.0	96,000	3,400	3,300	20.0	66,000
HUGHES	2,200	2,100	30.0	63,000	1,200	1,100	27.0	29,700
HYDE								
JERAULD					1,100	1,000	24.0	24,000
SULLY	3,600	3,600	30.0	108,000	2,000	1,900	25.0	47,500
OTHER	2,000	1,800	14.0	25,200	400	200	20.0	4,000
CENTRAL	83,000	78,500	18.9	1,485,600	61,200	56,800	22.2	1,262,800
BROOKINGS	77,500	77,400	29.0	2,244,600	85,300	85,200	32.0	2,726,400
DAVISON	31,400	31,300	18.0	563,400	30,500	30,400	26.0	790,400
HANSON	37,400	37,300	19.0	708,700	34,400	34,300	23.0	788,900
KINGSBURY	55,200	55,000	29.0	1,595,000	52,000	47,200	22.0	1,038,400
LAKE	77,200	77,100	29.0	2,235,900	83,200	81,600	27.0	2,203,200
MCCOOK	84,700	84,600	21.0	1,776,600	82,100	81,600	27.0	2,203,200
MINER	30,800	30,800	24.0	739,200	29,100	27,100	20.0	542,000
MINNEHAHA	113,800	113,400	28.0	3,175,200	117,400	113,700	26.0	2,956,200
MOODY	89,200	89,100	32.0	2,851,200	93,800	93,100	35.0	3,258,500
SANBORN	10,800	10,800	18.0	194,400	7,200	7,100	23.0	163,300
EAST CENTRAL	608,000	606,800	26.5	16,084,200	615,000	601,300	27.7	16,670,500
BENNETT								
CUSTER								
FALL RIVER								
SHANNON								
SOUTHWEST								
GREGORY	8,400	7,600	24.0	182,400	9,600	9,600	28.0	268,800
JONES								
LYMAN								
MELLETTE								
TODD	800	700	25.0	17,500	500	400	20.0	8,000
TRIPP	2,500	2,200	16.0	35,200	700	600	25.0	15,000
OTHER	500	500	20.8	10,400	200	200	20.0	4,000
SOUTH CENTRAL	12,200	11,000	22.3	245,500	11,000	10,800	27.4	295,800
BON HOMME	64,200	64,200	20.0	1,284,000	66,500	66,200	21.0	1,390,200
CHARLES MIX	40,000	40,000	17.0	680,000	38,000	37,900	24.0	909,600
CLAY	90,200	90,100	28.0	2,522,800	90,000	89,900	30.0	2,697,000
DOUGLAS	22,700	21,800	19.0	414,200	22,000	21,800	23.0	501,400
HUTCHINSON	106,000	105,900	22.0	2,329,800	108,000	107,700	21.0	2,261,700
LINCOLN	128,300	127,900	35.0	4,476,500	129,000	128,200	32.0	4,102,400
TURNER	119,000	118,900	29.0	3,448,100	120,000	119,900	28.0	3,357,200
UNION	80,600	80,600	34.0	2,740,400	82,500	82,300	37.0	3,045,100
YANKTON	72,000	72,000	26.0	1,872,000	74,000	73,900	23.0	1,699,700
SOUTHEAST	723,000	721,400	27.4	19,767,800	730,000	727,800	27.4	19,964,300
OTHER DISTRICTS	800	700	20.9	14,600	800	700	20.1	14,100
STATE	1,900,000	1,880,000	26.0	48,880,000	1,950,000	1,920,000	28.0	53,760,000

1/ COUNTIES AND DISTRICTS WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* OR *OTHER DISTRICTS* AND INCLUDED IN THE DISTRICT AND/OR STATE TOTALS. 2/ PRELIMINARY.

PRODUCTION MAP ON PAGE 44

SORGHUM, SOUTH DAKOTA 1/

	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		BUSHELS		ACRES		BUSHELS	
BUTTE	4,000	200	23.0	4,600	2,000	100	40.0	4,000
CORSON	4,000	100	19.0	1,900	5,500	100	25.0	2,500
DEWEY	2,500	500	19.0	9,500	7,000	500	30.0	15,000
HARDING	2,000	100	23.0	2,300	2,000	100	25.0	2,500
PERKINS	4,500	400	25.0	10,000	5,000	200	25.0	5,000
ZIEBACH	5,000	400	26.0	10,400	5,500	200	25.0	5,000
NORTHWEST	22,000	1,700	22.8	38,700	27,000	1,200	28.3	34,000
BROWN	3,000	1,100	35.0	38,500	3,500	1,100	45.0	49,500
CAMPBELL	1,200	100	30.0	3,000	2,000	400	20.0	8,000
EDMUNDS	3,200	300	30.0	9,000	4,000	500	45.0	22,500
FAULK	3,700	1,200	33.0	39,600	7,000	4,000	48.0	192,000
MCPHERSON	2,500	600	25.0	15,000	2,600	500	22.0	11,000
POTTER	3,500	1,700	27.0	45,900	2,500	400	45.0	18,000
SPINK	7,500	4,700	45.0	211,500	10,000	5,700	53.0	302,100
WALWORTH	1,900	600	55.0	33,000	3,400	400	40.0	16,000
NORTH CENTRAL	26,500	10,300	38.4	395,500	35,000	13,000	47.6	619,100
CLARK	2,000	600	44.0	26,400	2,600	400	50.0	20,000
CODINGTON	500	100	38.0	3,800	1,000	100	40.0	4,000
DAY	1,500	200	35.0	7,000	2,000	100	40.0	4,000
DEUEL								
GRANT								
HAMLIN	1,500	200	45.0	9,000	700	300	60.0	18,000
MARSHALL	2,000	200	44.0	8,800	2,500	200	45.0	9,000
ROBERTS	900	400	44.0	17,600	900	200	35.0	7,000
OTHER	1,500	100	38.0	3,800	1,300	200	40.0	8,000
NORTHEAST	9,900	1,800	42.4	76,400	11,000	1,500	46.7	70,000
HAAKON	20,000	10,200	15.0	153,000	15,000	5,500	29.0	159,500
JACKSON								
LAWRENCE								
MEADE	12,500	6,000	14.0	84,000	14,000	1,500	25.0	37,500
PENNINGTON	6,200	2,000	25.0	50,000	7,700	1,500	40.0	60,000
STANLEY	15,000	8,800	25.0	220,000	13,000	6,500	40.0	260,000
OTHER	5,700	2,000	18.0	36,000	7,300	2,000	30.0	60,000
WEST CENTRAL	59,400	29,000	18.7	543,000	57,000	17,000	33.9	577,000
AURORA	12,500	6,500	41.0	266,500	14,000	5,500	58.0	319,000
BEADLE	13,200	4,500	54.0	243,000	15,000	3,000	60.0	180,000
BRULE	16,300	8,000	40.0	320,000	18,500	9,000	67.0	603,000
BUFFALO	5,900	3,000	25.0	75,000	5,000	1,500	50.0	75,000
HAND	16,800	6,000	39.0	234,000	19,000	5,000	41.0	205,000
HUGHES	7,200	3,600	26.0	93,600	7,500	1,500	48.0	72,000
HYDE	6,800	2,200	20.0	44,000	7,000	2,000	40.0	80,000
JERAULD	7,400	3,200	42.0	134,400	7,000	1,500	63.0	94,500
SULLY	8,000	4,000	37.0	148,000	7,000	3,000	44.0	132,000
CENTRAL	94,100	41,000	38.0	1,558,500	100,000	32,000	55.0	1,760,500
BROOKINGS								
DAVISON	5,400	2,000	45.0	90,000	5,600	700	50.0	35,000
HANSON	2,400	1,200	58.0	69,600	3,800	2,500	49.0	122,500
KINGSBURY	3,000	400	57.0	22,800	4,000	200	45.0	9,000
LAKE								
MCCOOK	3,200	1,900	68.0	129,200	5,400	4,000	70.0	280,000
MINER	2,300	700	55.0	38,500	2,400	400	50.0	20,000
MINNEHAHA	600	400	35.0	14,000	1,000	400	55.0	22,000
MOODY								
SANBORN	5,000	1,800	44.0	79,200	8,700	2,500	59.0	147,500
OTHER	2,300	700	58.9	41,200	2,100	300	45.0	13,500
EAST CENTRAL	24,200	9,100	53.2	484,500	33,000	11,000	59.0	649,500
BENNETT	1,600	300	20.0	6,000	2,000	500	35.0	17,500
CUSTER								
FALL RIVER	700	300	20.0	6,000	1,300	200	30.0	6,000
SHANNON								
OTHER	200	200	22.5	4,500	700	100	30.0	3,000
SOUTHWEST	2,500	800	20.6	16,500	4,000	800	33.1	26,500
GREGORY	20,000	13,000	51.0	663,000	24,000	16,500	59.0	973,500
JONES	15,000	5,000	30.0	150,000	11,000	8,000	51.0	408,000
LYMAN	33,700	26,100	28.0	730,800	37,500	33,000	60.0	1,980,000
MELLETTE	10,000	5,400	24.0	129,600	11,500	8,000	40.0	320,000
TODD	3,800	2,000	20.0	40,000	7,000	5,000	43.0	215,000
TRIPP	63,000	50,000	32.0	1,600,000	62,000	49,000	59.0	2,891,000
SOUTH CENTRAL	145,500	101,500	32.6	3,313,400	153,000	119,500	56.8	6,787,500
BON HOMME	4,500	1,900	65.0	123,500	4,200	2,000	63.0	126,000
CHARLES MIX	50,900	48,500	62.0	3,007,000	57,000	50,000	59.0	2,950,000
CLAY								
DOUGLAS	11,200	9,800	56.0	548,800	10,400	9,000	57.0	513,000
HUTCHINSON	5,800	2,900	62.0	179,800	5,400	2,000	66.0	132,000
LINCOLN								
TURNER								
UNION								
YANKTON	1,500	700	60.0	42,000	1,400	400	61.0	24,400
OTHER	2,000	1,000	72.4	72,400	1,600	600	50.8	30,500
SOUTHEAST	75,900	64,800	61.3	3,973,500	80,000	64,000	59.0	3,775,900
STATE	460,000	260,000	40.0	10,400,000	500,000	260,000	55.0	14,300,000

1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED FOR ALL PURPOSES ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE DISTRICT AND STATE TOTALS. 2/ PRELIMINARY.

PRODUCTION MAP ON PAGE 44

ALL SUNFLOWER, SOUTH DAKOTA 1/

COUNTY AND DISTRICT	1989				1990 2/			
	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION	PLANTED FOR ALL PURPOSES	HARVESTED FOR GRAIN	YIELD PER HARVESTED ACRE	PRODUCTION
	ACRES		POUNDS		ACRES		POUNDS	
BUTTE								
CORSON	1,900	1,800	710	1,278,000	900	800	920	736,000
DEWEY	3,600	3,500	730	2,555,000	2,800	2,700	950	2,565,000
HARDING								
PERKINS					1,800	1,700	460	782,000
ZIEBACH	1,000	1,000	510	510,000	1,400	1,300	780	1,014,000
OTHER	1,000	1,000	714	714,000	200	200	460	92,000
NORTHWEST	7,500	7,300	693	5,057,000	7,100	6,700	774	5,189,000
BROWN	12,700	11,900	1140	13,566,000	20,400	20,100	1470	29,547,000
CAMPBELL	500	400	640	256,000	900	800	540	432,000
EDMUNDS	29,200	27,400	980	26,852,000	19,100	18,900	1370	25,893,000
FAULK	17,200	16,500	800	13,200,000	14,800	14,600	1420	20,732,000
MCPHERSON	2,300	2,200	780	1,716,000	2,700	2,700	950	2,565,000
POTTER	8,700	7,900	1060	8,374,000	8,100	8,000	1130	9,040,000
SPINK	20,600	19,000	940	17,860,000	27,600	27,300	1450	39,585,000
WALWORTH	4,600	4,300	1090	4,687,000	6,200	6,100	1170	7,137,000
NORTH CENTRAL	95,800	89,600	966	86,511,000	99,800	98,500	1370	134,931,000
CLARK	1,900	1,800	1050	1,890,000	4,100	4,000	1350	5,400,000
CODINGTON	1,400	1,300	1280	1,664,000	1,700	1,700	1240	2,108,000
DAY	7,200	7,100	1160	8,236,000	7,800	7,700	1430	11,011,000
DEUEL								
GRANT	1,100	1,100	1550	1,705,000	1,900	1,800	1320	2,376,000
HAMLIN								
MARSHALL	10,300	10,100	1500	15,150,000	11,100	11,000	1770	19,470,000
ROBERTS	3,900	3,800	1320	5,016,000	5,800	5,700	1480	8,436,000
OTHER	600	500	1250	625,000	1,100	1,100	1300	1,430,000
NORTHEAST	26,400	25,700	1334	34,286,000	33,500	33,000	1522	50,231,000
HAAKON								
JACKSON								
LAWRENCE								
MEADE								
PENNINGTON								
STANLEY	600	600	680	408,000	1,600	1,500	900	1,350,000
OTHER	600	600	600	360,000	200	200	700	140,000
WEST CENTRAL	1,200	1,200	640	768,000	1,800	1,700	876	1,490,000
AURORA	2,600	2,500	850	2,125,000	3,400	3,300	1240	4,092,000
BEADLE	14,500	14,200	1140	16,188,000	24,000	23,700	1520	36,024,000
BRULE	1,300	1,200	820	984,000	2,700	2,700	1240	3,348,000
BUFFALO	1,600	1,500	960	1,440,000	2,100	2,100	1190	2,499,000
HAND	22,800	20,900	970	20,273,000	26,300	26,000	1260	32,760,000
HUGHES	3,700	3,300	830	2,739,000	6,600	6,500	1200	7,800,000
HYDE	3,000	2,900	830	2,407,000	5,400	5,300	1360	7,208,000
JERAULD	6,100	5,800	800	4,640,000	3,900	3,800	1300	4,940,000
SULLY	29,500	28,400	820	23,288,000	29,200	28,800	1220	35,136,000
CENTRAL	85,100	80,700	918	74,084,000	103,600	102,200	1309	133,807,000
BROOKINGS								
DAVISON	1,000	900	1000	900,000	2,200	2,100	1600	3,360,000
HANSON								
KINGSBURY	9,200	9,000	1350	12,150,000	13,700	12,900	1450	18,705,000
LAKE					500	500	1450	725,000
MCCOOK								
MINER	500	500	1340	670,000	3,700	3,600	1600	5,760,000
MINNEHAHA								
MOODY								
SANBORN					900	900	1550	1,395,000
OTHER	900	900	1100	990,000	600	600	1360	816,000
EAST CENTRAL	11,600	11,300	1302	14,710,000	21,600	20,600	1493	30,761,000
BENNETT					700	700	920	644,000
CUSTER								
FALL RIVER								
SHANNON								
OTHER	200	200	600	120,000	100	100	1000	100,000
SOUTHWEST	200	200	600	120,000	800	800	930	744,000
GREGORY	3,700	3,600	980	3,528,000	4,500	4,400	1580	6,952,000
JONES								
LYMAN	2,800	2,700	750	2,025,000	2,600	2,500	1400	3,500,000
MELLETTE								
TODD					600	600	800	480,000
TRIPP	11,700	11,400	750	8,550,000	5,000	4,900	1150	5,635,000
OTHER	800	800	758	606,000	600	600	700	420,000
SOUTH CENTRAL	19,000	18,500	795	14,709,000	13,300	13,000	1307	16,987,000
BON HOMME								
CHARLES MIX	6,100	5,400	900	4,860,000	2,600	2,600	1160	3,016,000
CLAY								
DOUGLAS					800	800	930	744,000
HUTCHINSON								
LINCOLN								
TURNER								
UNION								
YANKTON								
OTHER	100	100	950	95,000	100	100	1000	100,000
SOUTHEAST	6,200	5,500	901	4,955,000	3,500	3,500	1103	3,860,000
NON-OIL 3/	7,000	7,000	1300	9,100,000	15,000	15,000	1450	21,750,000
STATE	260,000	247,000	989	244,300,000	300,000	295,000	1355	399,750,000

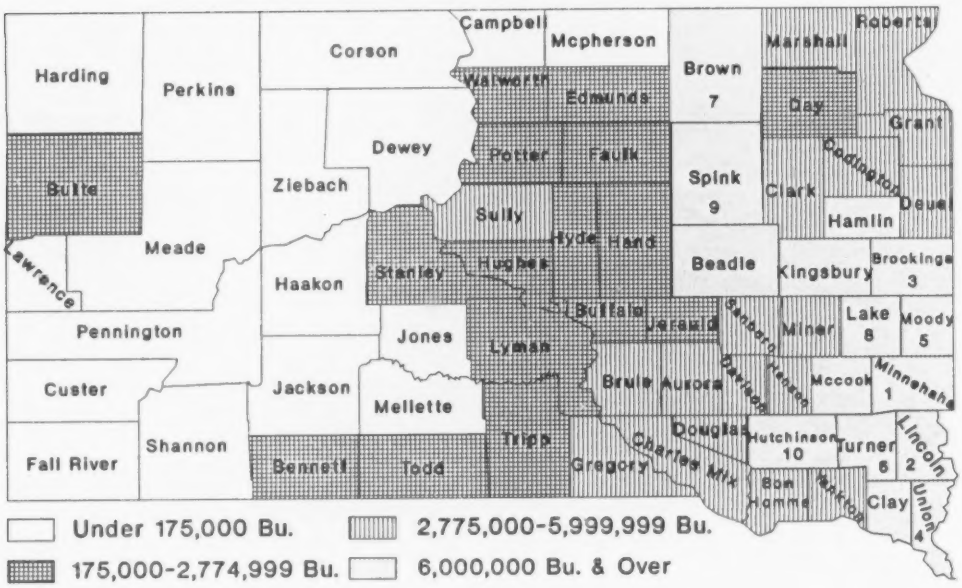
1/ COUNTIES WITH LESS THAN 500 ACRES PLANTED ARE NOT PUBLISHED SEPARATELY BUT ARE SHOWN UNDER *OTHER* AND INCLUDED IN THE AND STATE TOTALS. 2/ PRELIMINARY. 3/ NON-OIL IS NOT ESTIMATED BY COUNTY OR DISTRICT TO AVOID DISCLOSURE OF INDIVIDUAL DATA.

PRODUCTION MAP ON PAGE 45

PRODUCTION BY COUNTY

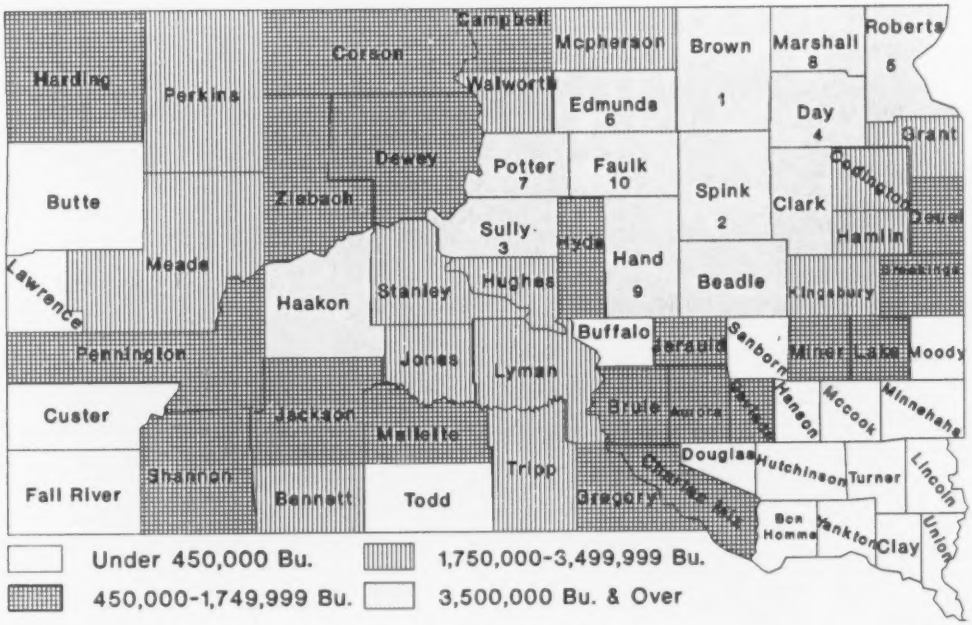
CORN FOR GRAIN, SOUTH DAKOTA 1990

(RANKING OF TOP TEN COUNTIES SHOWN)



ALL WHEAT, SOUTH DAKOTA 1990

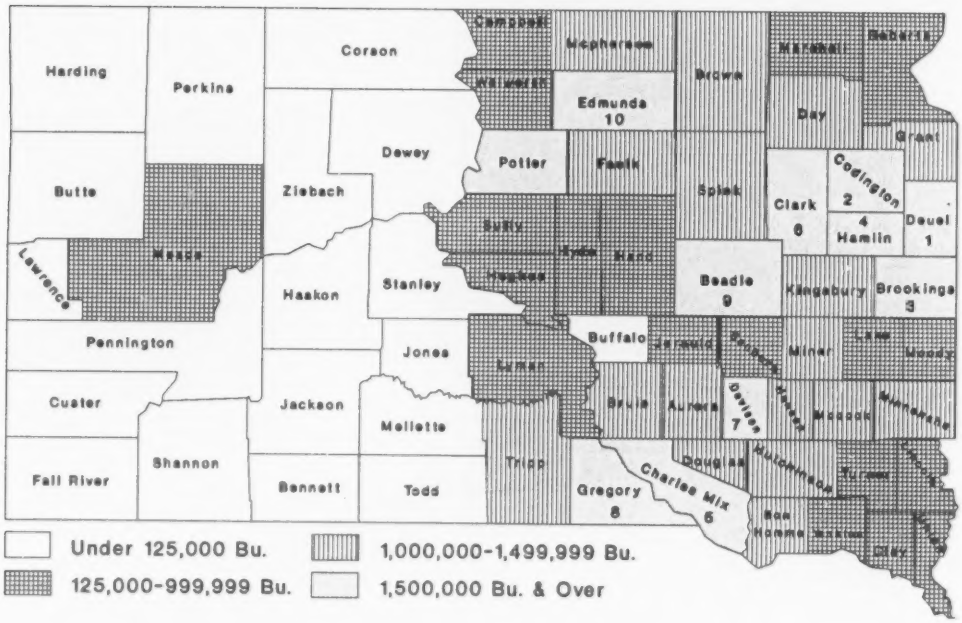
(RANKING OF TOP TEN COUNTIES SHOWN)



PRODUCTION BY COUNTY

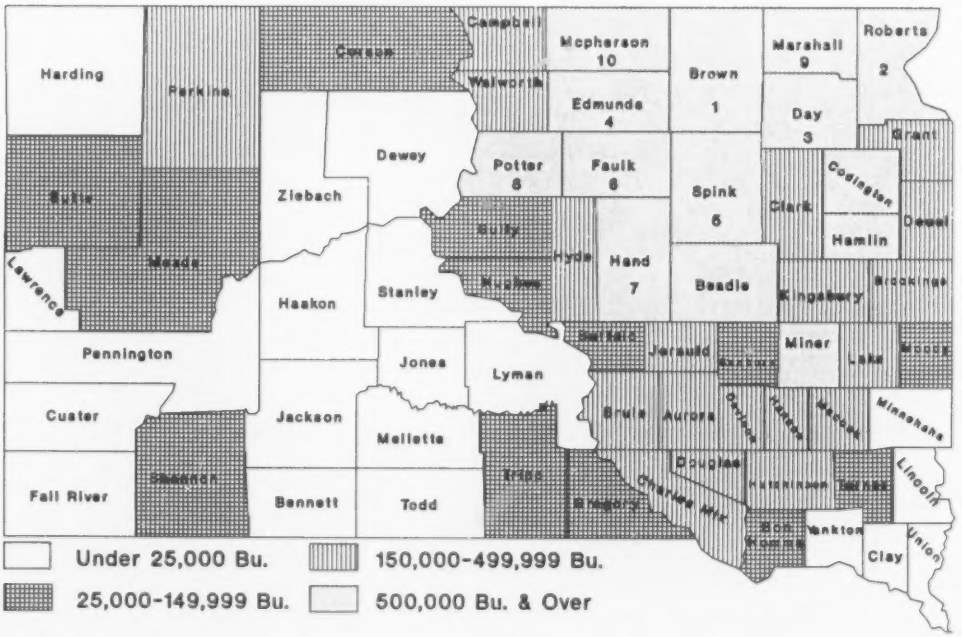
OATS, SOUTH DAKOTA 1990

(RANKING OF TOP TEN COUNTIES SHOWN)



BARLEY, SOUTH DAKOTA 1990

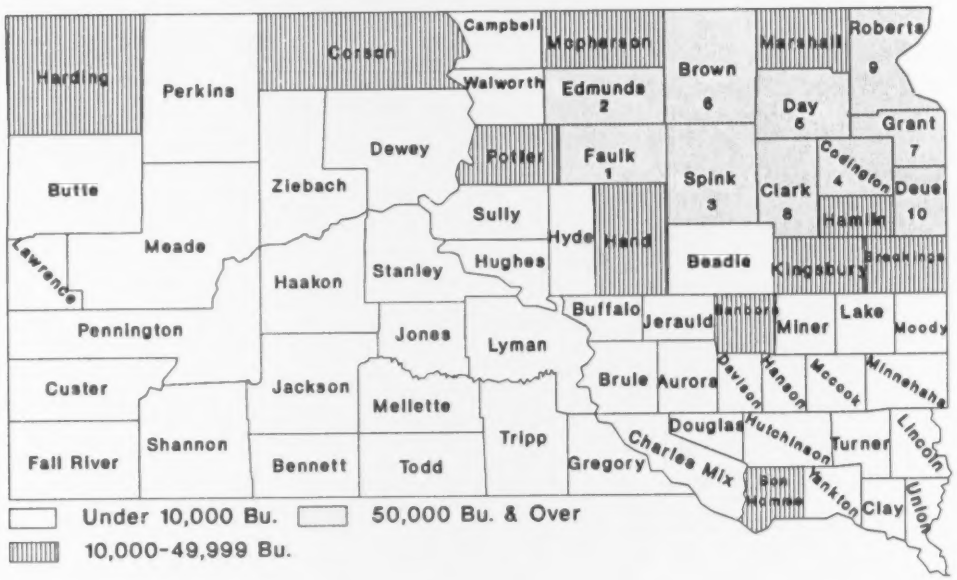
(RANKING OF TOP TEN COUNTIES SHOWN)



PRODUCTION BY COUNTY

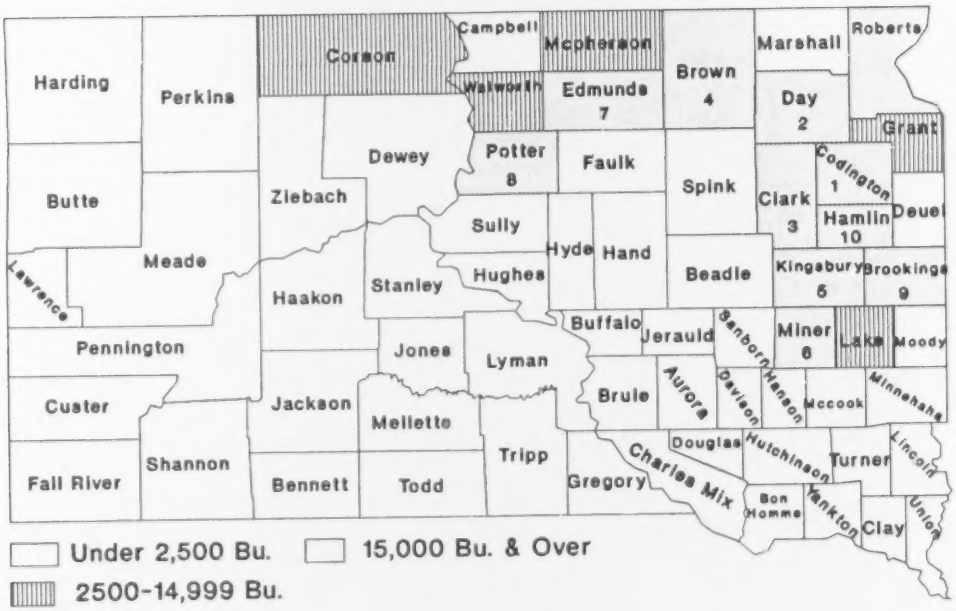
RYE, SOUTH DAKOTA 1990

(RANKING OF TOP TEN COUNTIES SHOWN)



FLAXSEED, SOUTH DAKOTA 1990

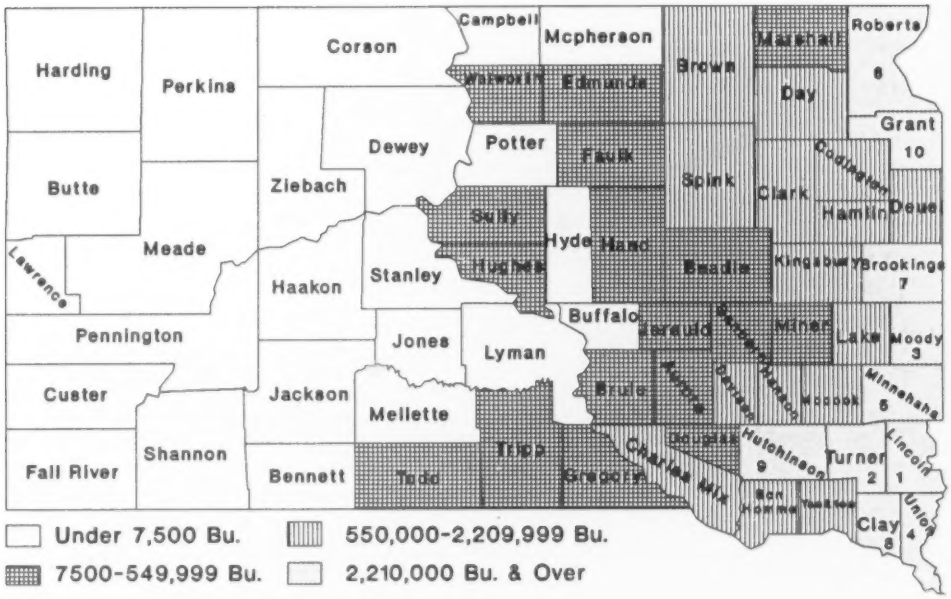
(RANKING OF TOP TEN COUNTIES SHOWN)



PRODUCTION BY COUNTY

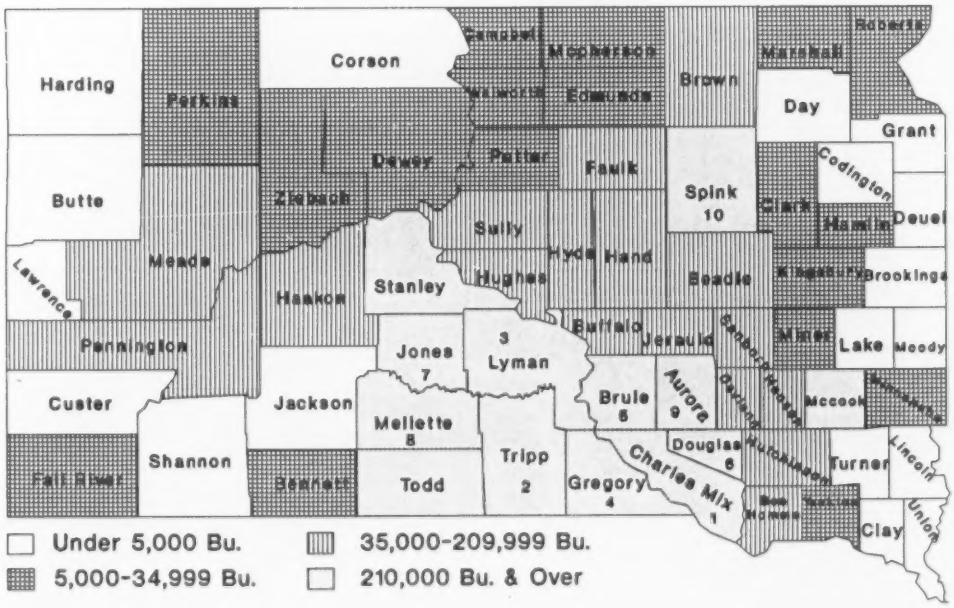
SOYBEANS, SOUTH DAKOTA 1990

(RANKING OF TOP TEN COUNTIES SHOWN)



GRAIN SORGHUM, SOUTH DAKOTA 1990

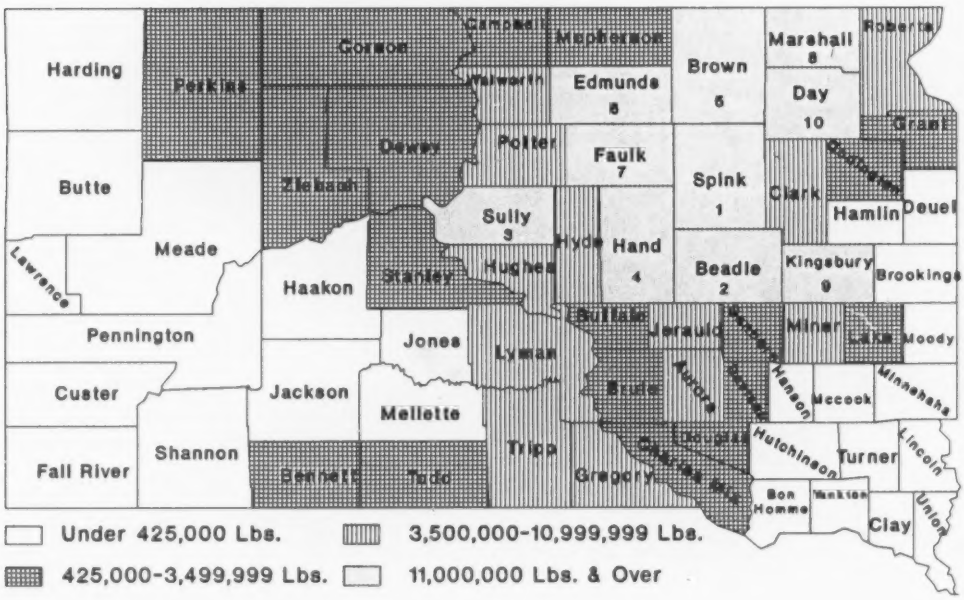
(RANKING OF TOP TEN COUNTIES SHOWN)



PRODUCTION BY COUNTY

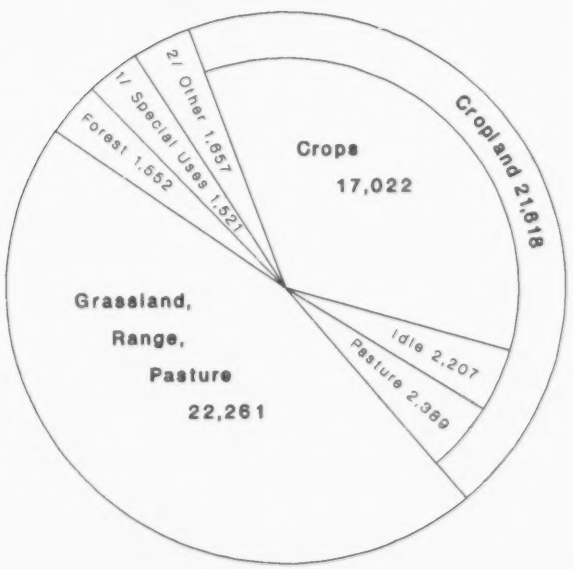
ALL SUNFLOWER, SOUTH DAKOTA 1990

(RANKING OF TOP TEN COUNTIES SHOWN)



1987 SOUTH DAKOTA LAND USES

TOTAL AREA: 48,609,000 ACRES



1/ SPECIAL USES: RURAL TRANSPORTATION - 656; RURAL PARKS & WILDLIFE - 681; FARMSTEADS, INDUSTRIAL, DEFENSE - 184.
2/ OTHER: URBAN - 126; MARSHES, ROCK AREAS, ETC. - 1,531.

LIVESTOCK AND POULTRY

SOUTH DAKOTA

Livestock and Poultry

Livestock and poultry preliminary cash receipts in 1990 totaled $2,352 million, up 12% from the previous year. Cash receipts from all cattle, hogs, and sheep during 1990 were $2,016 million, up 15% from 1989.

Cattle

The State's inventory of all cattle and calves on January 1, 1991 was estimated at 3,400,000 head, up 1% from January 1, 1990. This was the first upward movement in cattle inventories since January 1, 1984. The 1990 calf crop was estimated at 1,650,000 head, down 1% from the 1989 calf crop. Average value per head of all cattle onJanuary 1, 1991 was $720, up $70 from January 1, 1990. Cash receipts from sales of cattle and calves in 1990, at $1,580 million, were up 15% from last year.

Hogs

The number of hogs and pigs on farms in the State on December 1, 1990, at 1,770,000 head, was 3% above a year earlier. The average value of all hogs and pigs was $94.00 per head compared with $85.00 a year ago. The total value of hogs and pigs on December 1 was $166 million, up 14% from a year earlier. Cash receipts from marketings of hogs and pigs in 1990 were $409 million, up 22% from 1989. The pig crop for 1990 was 3,159,000, up 4% from 1989. The spring pig crop decreased 4% while the fall pig crop increased 12%.

Sheep

The number of sheep and lambs, excluding new crop lambs, on South Dakota farms and ranches on January 1, 1991, at 640,000, was 8% above the January 1, 1990 level. Stock sheep numbered 555,000, up 4% from 1990 and sheep on feed increased 55% to 85,000 head. The 1990 lamb crop, at 540,000 head, was up 5% from 1989. Average value per head of all sheep on January 1, 1991, was $62.00 compared with $84.00 on January 1, 1990. Cash receipts from sales of sheep and lambs during 1990 totaled $27 million, down 27% from 1989. Sheep and lambs shorn during 1990, totaled 590,000 head, an increase of 4%. Average fleece weight of shorn wool was 9.0 pounds per head, unchanged from 1989.

Milk Production

South Dakota milk production in 1990 totaled 1,716 million pounds, down from the 1,724 million pounds in 1989. The average number of milk cows, at 140,000 head, was down 2% from last year but the production per cow increased 222 pounds in 1990. There were 3,600 operations in the State with milk cows in 1990, down 8% from 1989.

Poultry and Eggs

The number of chickens on farms on December 1, 1990 was 2,400,000, an increase of 31% from a year earlier. Egg production in 1989 was 435 million eggs, up 17% from 1989. The average number of layers for 1990 at 1,672,000, was up 14% from the previous year. The number of turkeys raised in South Dakota in 1990 was 2,600,000, up 17% from 1989.

UNITED STATES

Cattle

The Nation's farmers and ranchers had 99.4 million cattle and calves in their herds on January 1, 1991, up 1% from the 98.2 million on January 1, 1990. This continues the recent upward trend in cattle inventories showing the second January increase since 1982. The number of beef cows increased 1% from January 1, 1990. The number of milk cows is up slightly from January 1, 1990. The value of cattle and calves on farms and ranches January 1, 1991, amounted to $64.9 billion, an increase of 8% from a year ago. The 1990 calf crop is estimated at 39.9 million, down 1% from 1989. Milk production during 1990 totaled 148 billion pounds, up 3% from 1989. The annual average number of cows is 10.1 million head, unchanged from 1989.

Hogs

Hog and pig numbers in the Nation on December 1, 1990, at 54.4 million head, were up 1% from a year ago. The average value per head was $85.40 compared with $79.10 on December 1, 1989. Total value of all hogs and pigs on hand December 1, 1990, was $4.7 billion, an increase of 9% from a year earlier. The 1990 pig crop totaled 90.2 million head, 2% below 1989.

Sheep

Sheep and lamb numbers in the United States on January 1, 1991, totaled 11.2 million head, 1% below a year earlier. Stock sheep inventory decreased to 9.47 million head on January 1, 1991, down 1% from the previous year. The average value per head of all sheep and lambs decreased $13.70 from last year to $65.60 per head on January 1, 1991, resulting in a total value of $735 million. The 1990 lamb crop of 7.70 million head decreased slightly from the 1989 lamb crop.

Poultry and Eggs

Chicken numbers on December 1, 1990, totaled 352 million, down 1% from a year earlier. Layer numbers during 1990 averaged 270 million, virtually unchanged from 1989. Egg production in 1990 was 67.8 billion eggs, up 1% from the 1989 production. Turkeys raised in the United States during 1990, at 283 million, were 8% greater than the 261 million raised during 1989.

SOUTH DAKOTA

LIVESTOCK RECORD HIGHS AND LOWS

ITEM	UNIT	RECORD HIGH		RECORD LOW		YEAR ESTIMATE STARTED
		QUANTITY	MO/YEAR 1/	QUANTITY	MO/YEAR 1/	
CATTLE						
ALL CATTLE & CALVES, JAN. 1	HEAD	5,000,000	1974	1,480,000	1937	1917
BEEF COWS, JAN. 1 2/	HEAD	2,116,000	1975	214,000	1938	1920
MILK COWS, JAN. 1 2/	HEAD	675,000	1934	137,000	1991	1917
CALVES BORN	HEAD	2,205,000	1974	539,000	1938	1924
BEEF CATTLE PRICES	$/CWT.	82.30	OCT. 1990	2.50	JAN. 1908	1908
CALF PRICES	$/CWT.	116.00	AUG. 1990	3.55	DEC. 1933	1909
HOGS						
ALL HOGS, DEC. 1	HEAD	3,100,000	1923	600,000	1935	1915
ALL SOWS FARROWED	HEAD	797,000	1924	181,000	1935	1924
DEC-MAY FARROWED	HEAD	681,000	1924	112,000	1935	1924
JUNE-NOV FARROWED	HEAD	224,000	1979	30,000	1934	1924
TOTAL PIGS	HEAD	4,159,000	1931	1,044,000	1935	1924
ALL HOG & PIG PRICES	$/CWT.	61.60	AUG. 1986	2.10	JUNE 1932	1908
SHEEP						
ALL SHEEP & LAMBS, JAN. 1	HEAD	2,407,000	1943	540,000	1986	1920
TOTAL STOCK SHEEP, JAN. 1	HEAD	2,064,000	1942	460,000	1986	1915
SHEEP & LAMBS ON FEED, JAN. 1	HEAD	440,000	1945	34,000	1978	1920
EWES - 1 YR PLUS, JAN. 1	HEAD	1,637,000	1943	413,000	1986	1920
LAMBS BORN	HEAD	1,473,000	1943	361,000	1924	1924
SHEEP PRICES	$/CWT.	42.40	FEB. 1980	1.60	NOV. 1932	1910
LAMB PRICES	$/CWT.	94.90	MAY 1987	3.80	DEC. 1931	1910
CHICKEN & EGGS						
ALL CHICKENS, DECEMBER 1	HEAD	11,592,000	1944	1,500,000	1988	1924
HENS & PULLETS OF LAYING AGE, DECEMBER 1	HEAD	10,768,000	1944	1,270,000	1988	1924
EGG PRODUCTION	EGGS	1,587,000,000	1962	348,000,000	1988	1925
TURKEYS						
NUMBER RAISED	HEAD	2,600,000	1990	206,000	1948	1929
PRICES	¢/LB.	47.0	1985	9.4	1933	1912

1/ IN CASE OF A TIE, THE MOST RECENT YEAR WAS USED. 2/ PRIOR TO 1970 WAS COWS TWO YEARS OLD AND OLDER. SINCE 1970 COWS CALVED. = CURRENT YEAR RECORDS.

NUMBER OF FEEDLOTS AND FED CATTLE MARKETED, BY FEEDLOT CAPACITY, SOUTH DAKOTA, SELECTED YEARS

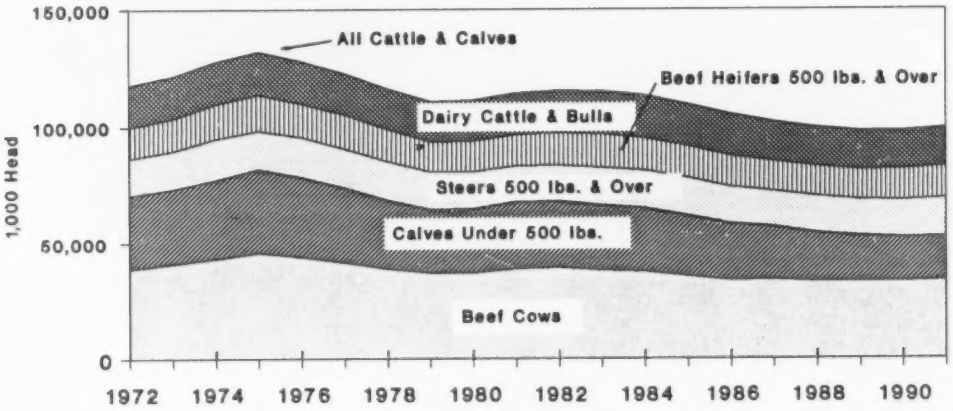
YEAR	FEEDLOT CAPACITY IN NUMBER OF HEAD									
	UNDER 1,000		1,000-1,999		2,000-3,999		OVER 4,000		TOTAL	
	LOTS	CATTLE MARKETED	LOTS	CATTLE MARKETED	LOTS	CATTLE MARKETED	LOTS	CATTLE MARKETED	LOTS	CATTLE MARKETED
		1,000		1,000		1,000		1,000		1,000
1968	9,674	540	19	36	7	80	(INC. IN 2,000-3,999)		9,700	656
1978	7,153	404	34	44	9	34	4	73	7,200	555
1983	4,943	446	37	51	10	24	10	144	5,000	665
1984	4,750	356	22	34	15	34	13	201	4,800	625
1985	4,347	275	22	51	18	59	13	300	4,400	685
1986	4,146	224	29	70	15	69	10	242	4,200	605
1987	4,146	269	24	67	17	77	13	237	4,200	650
1988	4,044	200	24	63	19	82	13	235	4,100	580
1989	4,142	213	24	47	21	87	13	223	4,200	570
1990	4,137	151	25	44	22	88	16	222	4,200	505

UNITED STATES CATTLE AND CALVES

CATTLE INVENTORY NUMBERS, UNITED STATES, SPECIFIED DATES, 1985-1991

	1985		1986		1987		1988		1989		1990		1991
	JAN. 1	JULY 1	JAN. 1	JULY 1	JAN 1	JULY 1	JAN. 1	JULY 1	JAN. 1	JULY 1	JAN. 1	JULY 1	JAN. 1
	1,000 HEAD												
ALL CATTLE	109,582	116,300	105,378	112,200	102,118	109,500	99,622	108,500	98,065	107,700	98,162	107,900	99,436
COWS & HEIFERS THAT HAVE CALVED	46,182	46,300	44,869	45,000	44,412	44,400	43,494	44,300	43,337	43,900	43,353	44,000	43,779
BEEF	35,408	35,250	33,753	34,150	33,945	34,000	33,183	34,050	33,125	33,800	33,200	33,900	33,620
MILK	10,777	11,050	11,116	10,850	10,466	10,400	10,311	10,250	10,212	10,100	10,153	10,100	10,159
HEIFERS OVER 500 LBS.	18,399	18,200	17,995	17,500	17,157	17,000	17,240	16,500	17,150	16,600	17,673	16,500	18,162
BEEF REPLACEMENT	5,548	4,900	5,185	4,800	5,214	4,800	5,249	4,800	5,388	4,900	5,418	5,100	5,585
MILK REPLACEMENT	4,770	5,000	4,709	4,700	4,305	4,600	4,122	4,400	4,161	4,500	4,227	4,200	4,194
OTHER	8,081	8,300	8,111	8,000	7,638	7,600	7,869	7,300	7,603	7,200	8,028	7,200	8,383
STEERS OVER 500 LBS.	16,214	15,900	16,862	15,300	15,345	14,800	15,704	14,500	15,497	14,400	15,911	14,800	16,548
BULLS OVER 500 LBS.	2,413	2,300	2,266	2,200	2,209	2,200	2,175	2,200	2,182	2,200	2,195	2,200	2,228
STEERS, HEIFERS & BULLS UNDER 500 LBS.	26,373	33,600	24,397	32,200	22,995	31,100	21,008	31,000	19,899	30,800	19,031	30,800	18,720
CALVES BORN DURING YEAR	41,050		41,182		40,152		40,293		40,102		39,879		

CATTLE AND CALVES
INVENTORY BY CLASS, UNITED STATES, JANUARY 1, 1972-1991



CATTLE AND CALVES
PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1985-1990

YEAR	NUMBER ON HAND BEGINNING OF YEAR	CALF CROP	INSHIPMENTS	MARKETINGS		FARM SLAUGHTER	DEATHS		NUMBER ON HAND END OF YEAR
				CATTLE	CALVES		CATTLE	CALVES	
	1,000 HEAD								
1985	109,582	41,050	19,882	49,171	10,548	370	1,701	3,345	105,378
1986	105,378	41,182	21,235	49,931	10,406	349	1,714	3,278	102,118
1987	102,118	40,152	22,222	49,518	10,223	330	1,700	3,100	99,622
1988	99,622	40,293	22,239	48,718	10,433	280	1,655	3,002	98,065
1989	98,065	40,102	21,858	46,682	10,489	240	1,537	2,915	98,162
1990	98,162	39,879	23,174	46,697	10,414	245	1,566	2,859	99,436

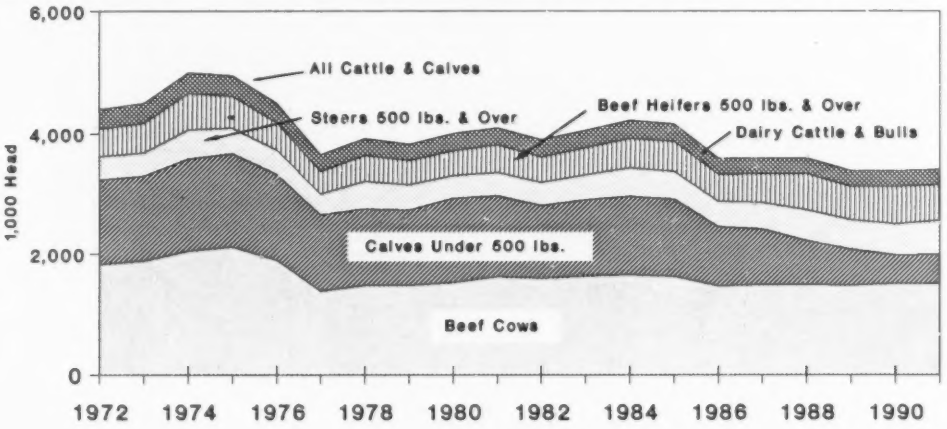
YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME COMSUMPTION	GROSS INCOME
			CATTLE	CALVES			
	1,000 POUNDS		DOLLARS		1,000 DOLLARS		
1985	40,120,920	54,400,508	53.70	62.10	29,002,301	483,255	29,485,556
1986	40,589,257	55,328,427	52.60	61.10	28,865,089	451,180	29,316,269
1987	40,502,303	54,675,279	61.10	78.50	33,583,325	473,706	34,057,031
1988	40,557,450	54,650,670	66.60	89.20	36,809,614	481,038	37,290,652
1989	40,240,800	52,765,220	69.50	90.80	36,894,270	444,567	37,338,837
1990	40,742,658	53,038,384	74.60	95.60	39,747,094	457,817	40,204,911

SOUTH DAKOTA CATTLE AND CALVES

CATTLE INVENTORY NUMBERS, SOUTH DAKOTA, JANUARY 1, 1985-1991

ITEM	1985	1986	1987	1988	1989	1990	1991
				1,000 HEAD			
ALL CATTLE	4,160	3,600	3,600	3,600	3,380	3,380	3,400
COWS & HEIFERS THAT HAVE CALVED	1,788	1,630	1,640	1,638	1,620	1,645	1,650
BEEF	1,627	1,468	1,491	1,491	1,476	1,505	1,513
MILK	161	162	149	147	144	140	137
HEIFERS OVER 500 LBS.	545	487	525	652	600	663	630
BEEF REPLACEMENT	208	160	184	231	223	210	207
MILK REPLACEMENT	46	42	39	43	38	37	34
OTHER	291	285	302	378	339	416	389
STEERS OVER 500 LBS.	458	430	445	511	490	521	570
BULLS OVER 500 LBS.	83	73	72	72	72	74	71
STEERS, HEIFERS & BULLS UNDER 500 LBS.	1,286	980	918	727	598	477	479
CALVES BORN DURING YEAR	1,690	1,640	1,620	1,630	1,670	1,650	

CATTLE AND CALVES
INVENTORY BY CLASS, SOUTH DAKOTA, JANUARY 1, 1972-1991



CATTLE AND CALVES
PRODUCTION, DISPOSITION, AND INCOME, SOUTH DAKOTA, 1985-1990

YEAR	NUMBER ON HAND BEGINNING OF YEAR	CALF CROP	INSHIPMENTS	MARKETINGS		FARM SLAUGHTER	DEATHS		NUMBER ON HAND END OF YEAR
				CATTLE	CALVES		CATTLE	CALVES	
					1,000 HEAD				
1985	4,160	1,690	408	1,893	600	5	50	110	3,600
1986	3,600	1,640	314	1,275	450	4	65	160	3,600
1987	3,600	1,620	381	1,437	385	4	55	120	3,600
1988	3,600	1,630	391	1,623	450	3	55	110	3,380
1989	3,380	1,670	359	1,451	410	3	55	110	3,380
1990	3,380	1,650	442	1,509	410	3	50	100	3,400

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME COMSUMPTION	GROSS INCOME
			CATTLE	CALVES			
	1,000 POUNDS		DOLLARS		1,000 DOLLARS		
1985	1,785,670	2,367,210	54.90	66.30	1,326,958	9,487	1,336,445
1986	1,486,660	1,621,620	52.60	66.90	878,712	8,521	887,233
1987	1,748,810	1,852,730	62.50	84.40	1,191,682	9,888	1,201,570
1988	1,780,740	2,132,330	67.40	97.40	1,491,190	10,076	1,501,266
1989	1,792,440	1,922,620	69.20	96.40	1,375,061	10,435	1,385,496
1990	1,780,500	2,010,710	76.60	101.00	1,580,220	9,858	1,590,078

SOUTH DAKOTA CATTLE AND CALVES

CATTLE AND CALVES ON FEED BY WEIGHT GROUP AND CLASS, SOUTH DAKOTA, SPECIFIED DATES, 1985-1991

YEAR AND MONTH	TOTAL CATTLE & CALVES ON FEED	NUMBER ON FEED BY WEIGHT GROUP					NUMBER ON FEED BY CLASS		
		UNDER 500 LBS.	500-699 LBS.	700-899 LBS.	900-1,099 LBS.	1,100 LBS. + 1/	STEERS	HEIFERS	COWS & OTHER
	1,000 HEAD								
JANUARY 1									
1985	355	15	57	109	134	40	212	139	4
1986	350	10	52	81	163	44	204	142	4
1987	305	6	57	62	137	43	180	123	2
1988	300	3	74	65	117	41	179	119	2
1989	260	2	43	70	95	50	141	109	10
1990	260	--	53	84	75	48	154	100	6
1991	320	10	100	93	68	49	189	122	9
APRIL 1									
1985	325	5	70	107	101	42	175	148	2
1986	300	4	55	94	114	33	181	118	1
1987	280	5	55	118	80	22	170	108	2
1988	290	2	44	137	79	28	175	113	2
1989	290	--	35	127	102	26	160	126	4
1990	270	--	41	117	83	29	161	104	5
JULY 1									
1985	295	3	27	130	88	47	173	120	2
1986	245	4	22	104	96	19	140	104	1
1987	250	--	26	84	111	29	143	106	1
1988	260	--	15	81	130	34	145	111	4
1989	250	--	6	63	133	48	132	115	3
1990	230	--	9	58	101	62	123	106	1
OCTOBER 1									
1985	260	4	20	93	105	38	145	114	1
1986	200	3	17	71	86	23	115	84	1
1987	240	1	20	79	102	38	143	95	2
1988	215	3	13	75	90	34	116	95	4
1989	185	--	12	57	72	44	108	76	1
1990	195	7	10	57	85	36	117	77	1

1/ INCLUDES ALL COWS AND OTHERS.

CATTLE AND CALVES ON FEED, MARKETINGS AND PLACEMENTS, BY QUARTER, SOUTH DAKOTA, 1987-1990 1/

YEAR AND QUARTER	TOTAL FED CATTLE MARKETED	CATTLE AND CALVES PLACED ON FEED	YEAR AND QUARTER	TOTAL FED CATTLE MARKETED	CATTLE AND CALVES PLACED ON FEED
	1,000 HEAD			1,000 HEAD	
1987 - JAN 1 - MAR 31	200	200	1989 - JAN 1 - MAR 31	145	190
APR 1 - JUN 30	135	140	APR 1 - JUN 30	130	115
JUL 1 - SEP 30	160	160	JUL 1 - SEP 30	165	110
OCT 1 - DEC 31	155	225	OCT 1 - DEC 31	130	215
1988 - JAN 1 - MAR 31	160	175	1990 - JAN 1 - MAR 31	135	165
APR 1 - JUN 30	120	130	APR 1 - JUN 30	115	95
JUL 1 - SEP 30	170	135	JUL 1 - SEP 30	145	115
OCT 1 - DEC 31	130	185	OCT 1 - DEC 31	110	245

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER. DOES NOT INCLUDE OTHER DISAPPEARANCE FROM FEEDLOTS.

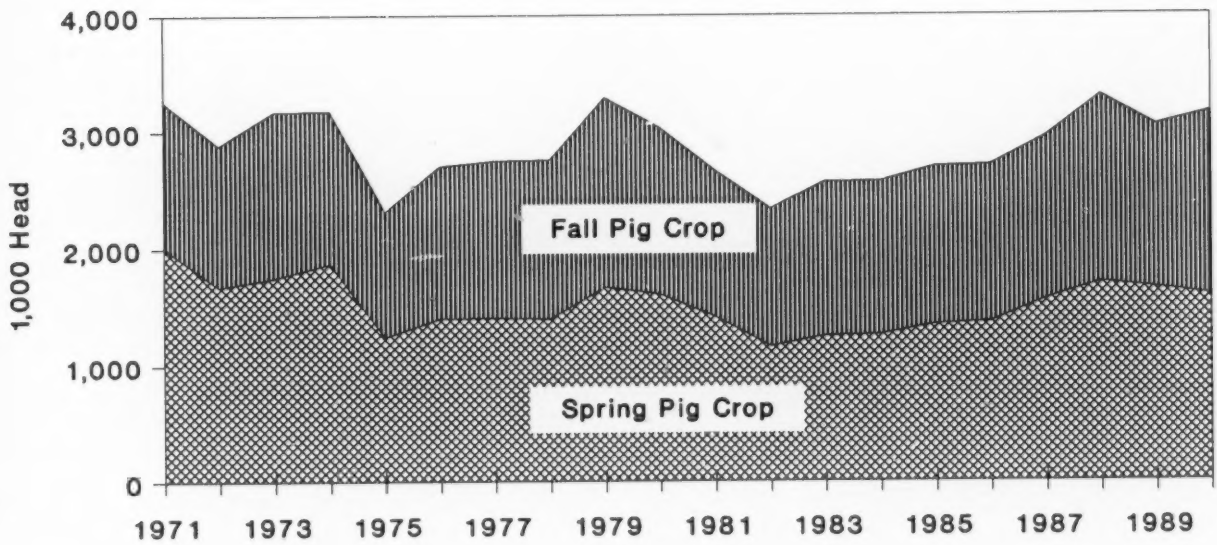
CATTLE SLAUGHTER, NUMBER OF HEAD, AVERAGE LIVEWEIGHT PER HEAD, BY MONTH, SOUTH DAKOTA, 1985-1990 1/

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	1,000 HEAD												
1985	67.9	54.2	51.1	50.6	61.3	52.1	62.8	63.7	35.1	39.8	49.0	70.2	657.8
1986	74.5	57.3	56.2	61.4	65.5	64.0	63.9	59.7	59.3	66.8	60.1	68.3	756.9
1987	66.8	54.8	56.1	56.1	28.8	32.6	36.7	40.9	44.2	50.5	51.9	50.5	569.9
1988	51.3	46.7	50.8	40.4	45.0	50.8	50.9	54.9	48.1	49.9	47.7	48.1	584.8
1989	55.6	46.8	49.2	45.6	54.3	54.3	49.0	51.4	46.6	54.9	54.6	52.5	614.7
1990	54.0	43.9	47.5	43.4	51.8	52.0	49.9	54.0	41.7	45.0	43.6	42.4	569.3
													YEARLY AVERAGE
	POUNDS												
1985	1,121	1,124	1,170	1,161	1,153	1,148	1,139	1,136	1,125	1,119	1,103	1,091	1,132
1986	1,120	1,145	1,155	1,158	1,130	1,128	1,124	1,127	1,149	1,153	1,135	1,142	1,138
1987	1,152	1,186	1,211	1,195	1,176	1,179	1,172	1,162	1,190	1,206	1,197	1,211	1,187
1988	1,220	1,213	1,227	1,228	1,210	1,185	1,178	1,189	1,205	1,192	1,205	1,211	1,205
1989	1,222	1,244	1,236	1,225	1,187	1,200	1,185	1,218	1,227	1,241	1,245	1,232	1,222
1990	1,249	1,261	1,268	1,256	1,199	1,199	1,211	1,225	1,209	1,229	1,231	1,268	1,233

1/ INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND IN OTHER SLAUGHTER PLANTS BUT EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

SOUTH DAKOTA HOGS AND PIGS

TOTAL SOUTH DAKOTA PIG CROP 1/



1/ SPRING PIG CROP IS FOR DECEMBER OF THE PREVIOUS YEAR THROUGH MAY OF THE CURRENT YEAR. FALL PIG CROP IS FOR JUNE THROUGH NOVEMBER.

SOWS FARROWED, PIGS PER LITTER, AND PIG CROP, QUARTERLY AND ANNUAL, SOUTH DAKOTA, 1988-1990

QUARTER	1988			1989			1990		
	SOWS FARROWED	PIGS PER LITTER	PIG CROP	SOWS FARROWED	PIGS PER LITTER	PIG CROP	SOWS FARROWED	PIGS PER LITTER	PIG CROP
	1,000 HEAD	NUMBER	----- 1,000 HEAD -----		NUMBER	----- 1,000 HEAD -----		NUMBER	1,000 HEAD
DEC 1/- FEB	87	8.10	705	93	7.90	735	84	8.20	689
MAR - MAY	125	8.00	1,000	115	8.00	920	114	7.95	906
JUNE - AUG	106	7.50	795	89	7.70	685	98	7.95	779
SEPT - NOV	107	7.50	803	93	7.60	707	100	7.85	785
TOTAL	425	7.77	3,303	390	7.81	3,047	396	7.98	3,159

1/ PRECEDING YEAR.

HOG SLAUGHTER, NUMBER OF HEAD, AVERAGE LIVEWEIGHT PER HEAD, BY MONTH, SOUTH DAKOTA, 1985-1990 1/

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	1,000 HEAD												
1985	283.4	238.3	277.3	310.5	345.9	280.2	263.1	259.2	128.7	143.8	170.3	280.2	2,980.8
1986	288.7	251.5	285.4	328.9	298.6	258.8	284.8	254.0	295.8	334.7	259.3	283.8	3,424.2
1987	295.0	257.6	335.6	239.6	146.1	273.6	323.9	324.2	351.9	386.2	403.7	431.8	3,769.2
1988	362.2	349.3	412.4	349.9	314.7	296.5	254.0	296.4	332.5	361.8	348.0	327.1	4,004.8
1989	299.0	271.3	333.8	311.6	323.7	313.0	276.0	316.2	318.0	318.5	341.9	287.8	3,710.7
1990	294.0	275.9	329.5	389.3	374.0	346.7	345.0	420.3	385.3	439.3	415.5	401.5	4,416.2
							POUNDS						YEARLY AVERAGE
1985	257	250	246	250	263	268	269	263	236	234	238	265	256
1986	262	255	248	252	257	274	279	264	263	261	262	268	262
1987	260	255	252	256	240	246	253	254	252	250	257	258	253
1988	234	262	260	260	264	277	279	263	260	265	271	269	263
1989	266	259	259	266	269	279	283	280	268	263	267	269	269
1990	259	255	257	255	262	271	273	266	260	258	261	259	261

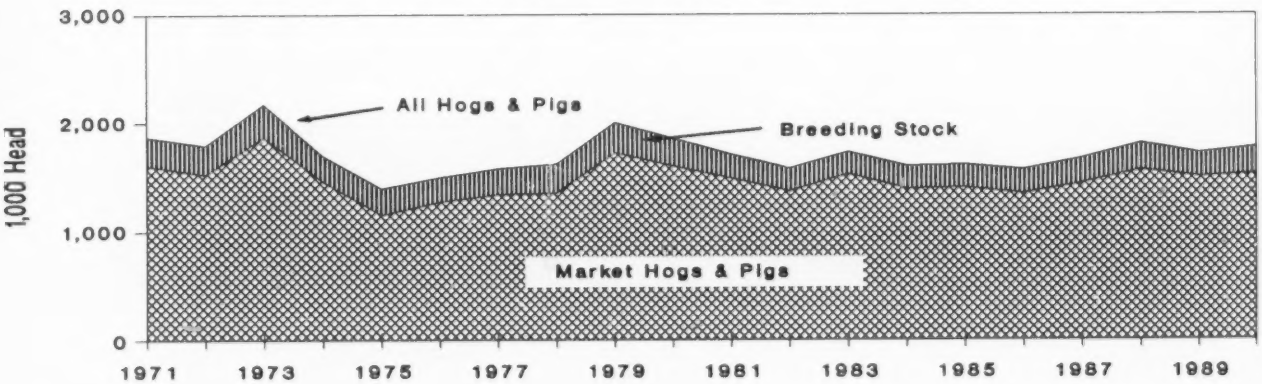
1/ INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND IN OTHER SLAUGHTER PLANTS BUT EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

SOUTH DAKOTA HOGS AND PIGS

HOG INVENTORY NUMBERS, SOUTH DAKOTA, SPECIFIED DATES, 1985-1991

YEAR AND MONTH	ALL HOGS AND PIGS	KEPT FOR BREEDING	MARKET	MARKET HOGS & PIGS BY WEIGHT GROUPS			
				UNDER 60 LBS.	60-119 LBS.	120-179 LBS.	180 LBS. & OVER
	1,000 HEAD						
1985							
DEC. 1	1,610	206	1,404	538	355	292	219
1986							
DEC. 1	1,570	221	1,349	541	329	269	210
1987							
DEC. 1	1,670	227	1,443	580	351	287	225
1988							
MARCH 1	1,730	240	1,490	551	405	319	215
JUNE 1	1,800	241	1,559	739	380	253	187
SEPT. 1	1,880	241	1,639	597	445	385	212
DEC. 1	1,810	248	1,562	578	422	320	242
1989							
MARCH 1	1,750	256	1,494	568	366	306	254
JUNE 1	1,770	227	1,543	702	385	265	191
SEPT. 1	1,750	212	1,538	540	413	330	255
DEC. 1	1,720	220	1,500	558	405	302	235
1990							
MARCH 1	1,750	245	1,505	570	375	305	255
JUNE 1	1,790	235	1,555	690	380	270	215
SEPT. 1	1,760	240	1,520	620	385	305	210
DEC. 1	1,770	245	1,525	610	380	300	235
1991							
MARCH 1	1,710	245	1,465	620	350	275	220

HOGS AND PIGS
INVENTORY BY CLASS, SOUTH DAKOTA, DECEMBER 1, 1971-1990



HOGS AND PIGS
PRODUCTION, DISPOSITION, AND INCOME, SOUTH DAKOTA, 1985-1990

YEAR	NUMBER ON HAND DECEMBER 1 1/	PIG CROP	INSHIPMENTS	MARKETINGS	FARM SLAUGHTER	DEATHS	NUMBER ON HAND DECEMBER 1
				1,000 HEAD			
1985	1,600	2,695	50	2,599	6	130	1,610
1986	1,610	2,703	41	2,669	5	110	1,570
1987	1,570	2,950	40	2,785	5	100	1,670
1988	1,670	3,303	35	3,057	6	135	1,810
1989	1,810	3,047	44	3,051	5	125	1,720
1990	1,720	3,159	50	3,027	7	125	1,770

1/ PRECEDING YEAR.

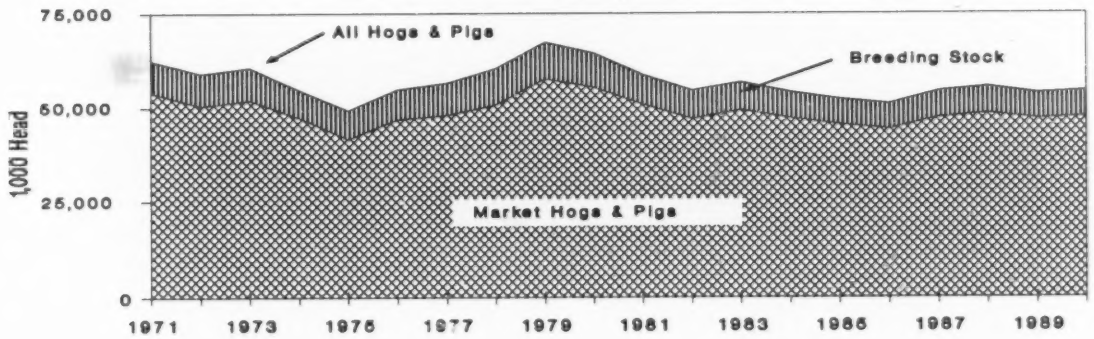
YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.	CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
	----- 1,000 POUNDS -----		DOLLARS	---------- 1,000 DOLLARS ----------		
1985	613,398	613,842	43.40	270,396	1,859	272,255
1986	642,265	646,090	48.80	320,655	2,058	322,713
1987	667,589	656,541	51.40	344,794	2,186	346,980
1988	771,808	750,310	42.20	321,227	1,838	323,065
1989	771,315	786,089	42.30	335,233	1,865	337,098
1990	753,185	747,644	54.10	409,037	2,761	411,798

UNITED STATES HOGS AND PIGS

HOG INVENTORY NUMBERS, UNITED STATES, SPECIFIED DATES, 1985-1991

YEAR AND MONTH	ALL HOGS AND PIGS	KEPT FOR BREEDING	MARKET	MARKET HOGS & PIGS BY WEIGHT GROUPS			
				UNDER 60 LBS.	60-119 LBS.	120-179 LBS.	180 LBS. & OVER
			1,000 HEAD				
1985							
JUNE 1	52,250	6,997	45,253	18,968	11,200	8,245	6,840
DEC. 1	52,314	6,778	45,536	17,306	11,700	9,320	7,210
1986							
JUNE 1	48,875	6,435	42,440	17,645	10,580	8,000	6,215
DEC. 1	51,001	6,691	44,311	16,786	11,246	9,113	7,164
1987							
JUNE 1	52,200	7,040	45,160	19,600	11,080	8,170	6,310
DEC. 1	54,384	7,080	47,305	17,735	11,938	9,649	7,982
1988							
MARCH 1	52,560	7,155	45,405	17,749	10,822	9,143	7,691
JUNE 1	56,185	7,530	48,655	20,888	11,985	8,780	7,002
SEPT. 1	58,060	7,189	50,871	19,560	12,620	10,525	8,166
DEC. 1	55,469	7,054	48,415	18,011	12,394	10,025	7,984
1989							
MARCH 1	52,965	7,081	45,884	17,264	10,995	9,493	7,772
JUNE 1	55,880	7,315	48,565	20,687	12,090	8,785	7,003
SEPT. 1	57,315	6,832	50,483	19,150	12,502	10,559	8,272
DEC. 1	53,821	6,862	46,959	17,195	12,183	9,673	7,908
1990							
MARCH 1	51,150	6,806	44,344	16,895	10,602	9,209	7,638
JUNE 1	53,850	7,075	46,775	19,806	11,718	8,535	6,716
SEPT. 1	55,940	6,815	49,125	18,936	12,218	10,132	7,839
DEC. 1	54,362	6,852	47,510	17,831	12,174	9,619	7,886
1991							
MARCH 1	52,360	6,882	45,478	17,363	11,061	9,310	7,744

HOGS AND PIGS
INVENTORY BY CLASS, UNITED STATES, DECEMBER 1, 1971-1990



HOGS AND PIGS
PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1985-1990

YEAR	NUMBER ON HAND DECEMBER 1 1/	PIG CROP	INSHIPMENTS	MARKETINGS	FARM SLAUGHTER	DEATHS	NUMBER ON HAND DECEMBER 1
				1,000 HEAD			
1985	54,073	86,037	3,726	86,731	446	4,345	52,314
1986	52,314	82,571	3,502	82,895	358	4,133	51,001
1987	51,001	88,423	3,746	84,249	328	4,208	54,384
1988	54,384	92,883	3,642	90,334	337	4,768	55,469
1989	55,469	92,074	3,642	92,553	317	4,494	53,821
1990	53,821	90,166	4,308	89,380	284	4,269	54,362

1/ PRECEDING YEAR.

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.	CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
	----- 1,000 POUNDS -----		DOLLARS	---------- 1,000 DOLLARS ----------		
1985	20,166,989	20,369,335	44.00	9,033,241	98,982	9,132,223
1986	19,461,055	19,614,648	49.30	9,734,409	89,477	9,823,886
1987	20,445,529	20,037,289	51.20	10,336,628	87,409	10,424,037
1988	21,669,557	21,626,216	42.30	9,206,540	76,911	9,283,451
1989	21,941,772	22,176,985	42.50	9,465,966	71,560	9,537,526
1990	21,275,064	21,393,063	53.70	11,516,367	85,060	11,601,427

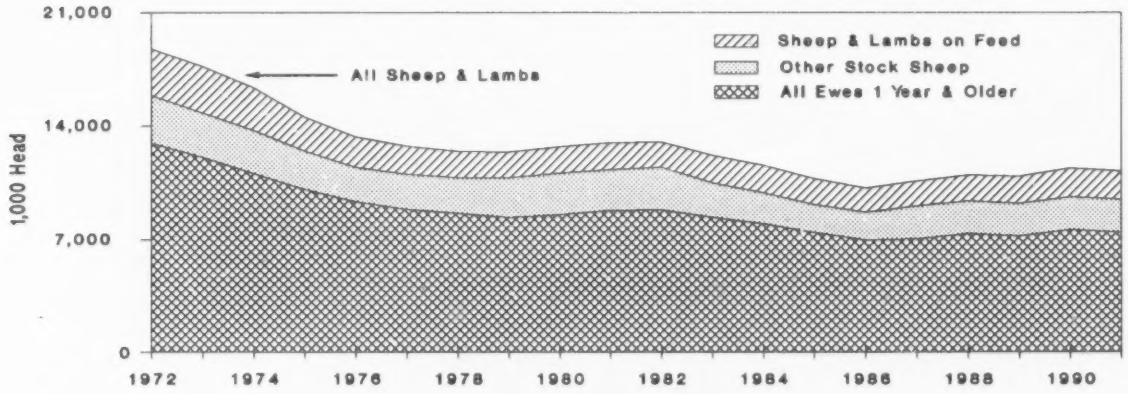
UNITED STATES SHEEP AND LAMBS

SHEEP AND LAMB INVENTORY NUMBERS, UNITED STATES, JANUARY 1, 1985-1991

ITEM	1985	1986	1987	1988	1989	1990	1991
				1,000 HEAD			
ALL SHEEP AND LAMBS 1/	10,716	10,145	10,572	10,945	10,858	11,363	11,200
NUMBER ON FEED	1,586	1,487	1,513	1,581	1,646	1,762	1,730
TOTAL STOCK SHEEP	9,130	8,658	9,059	9,364	9,212	9,601	9,471
EWES 1 YEAR PLUS	7,431	6,959	7,037	7,348	7,187	7,609	7,429
EWE LAMBS	1,078	1,060	1,311	1,323	1,344	1,324	1,342
WETHER AND RAM LAMBS	297	321	378	352	346	312	351
RAMS AND WETHERS 1 YEAR PLUS	323	318	333	342	334	356	349
LAMBS BORN	7,501	7,396	7,289	7,206	7,725	7,704	--

1/ NEW CROP LAMBS ARE NOT INCLUDED IN THE INVENTORY ESTIMATES OF ALL SHEEP AND LAMBS.

SHEEP AND LAMBS
INVENTORY BY CLASS, UNITED STATES, JANUARY 1, 1972-1991



SHEEP AND LAMBS
PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1985-1990 1/

YEAR	NUMBER ON HAND BEGINNING OF YEAR	LAMB CROP	INSHIPMENTS	MARKETINGS		FARM SLAUGHTER	DEATHS		NUMBER ON HAND END OF YEAR
				SHEEP	LAMBS		SHEEP	LAMBS	
					1,000 HEAD				
1985	10,716	7,501	1,696	1,653	6,593	136	544	841	10,145
1986	10,145	7,396	1,775	1,280	6,067	127	496	773	10,572
1987	10,572	7,242	1,772	1,195	6,194	111	474	721	10,891
1988	10,945	7,206	1,518	1,566	5,939	99	514	695	10,858
1989	10,858	7,725	1,674	1,058	6,492	98	510	735	11,363
1990	11,363	7,704	1,471	1,624	6,290	96	519	810	11,200

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME COMSUMPTION	GROSS INCOME
			SHEEP	LAMBS			
	----- 1,000 POUNDS -----		----- DOLLARS -----		---------- 1,000 DOLLARS ----------		
1985	704,059	890,890	23.90	67.70	514,471	12,285	526,756
1986	725,908	803,750	25.60	69.00	481,275	12,602	493,877
1987	733,111	804,737	29.50	77.60	558,067	14,454	572,521
1988	707,148	825,734	25.60	69.10	477,950	9,694	487,644
1989	775,620	827,968	24.40	66.10	489,196	10,019	499,215
1990	757,236	879,829	23.20	55.50	412,496	8,585	421,081

1/ FOR THE YEARS 1985-1987, EXCLUDES AL, AR, DE, FL, GA, HI, MS, RI, AND SC.

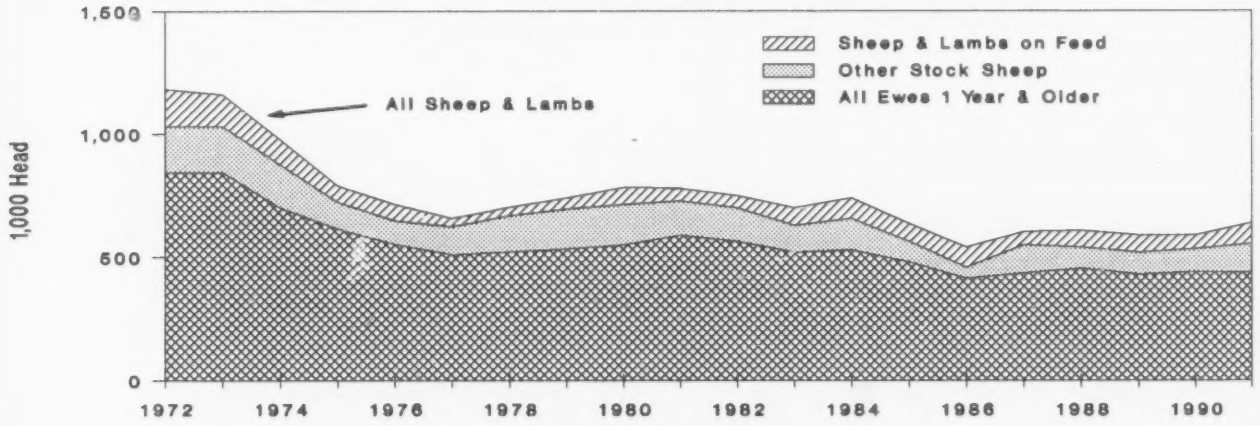
SOUTH DAKOTA SHEEP AND LAMBS

SHEEP AND LAMB INVENTORY NUMBERS, SOUTH DAKOTA, JANUARY 1, 1985-1991

ITEM	1985	1986	1987	1988	1989	1990	1991
				1,000 HEAD			
ALL SHEEP AND LAMBS 1/	639	540	605	610	590	590	640
NUMBER ON FEED	75	80	55	70	70	55	85
TOTAL STOCK SHEEP	564	460	550	540	520	535	555
EWES 1 YEAR PLUS	480	413	434	453	430	441	438
EWE LAMBS	58	30	74	65	70	74	94
WETHER AND RAM LAMBS	12	5	29	9	8	6	6
RAMS AND WETHERS 1 YEAR PLUS	14	12	13	13	12	14	17
LAMBS BORN	550	525	510	500	515	540	--

1/ NEW CROP LAMBS ARE NOT INCLUDED IN THE INVENTORY ESTIMATES OF ALL SHEEP AND LAMBS.

SHEEP AND LAMBS
INVENTORY BY CLASS, SOUTH DAKOTA, JANUARY 1, 1972-1991

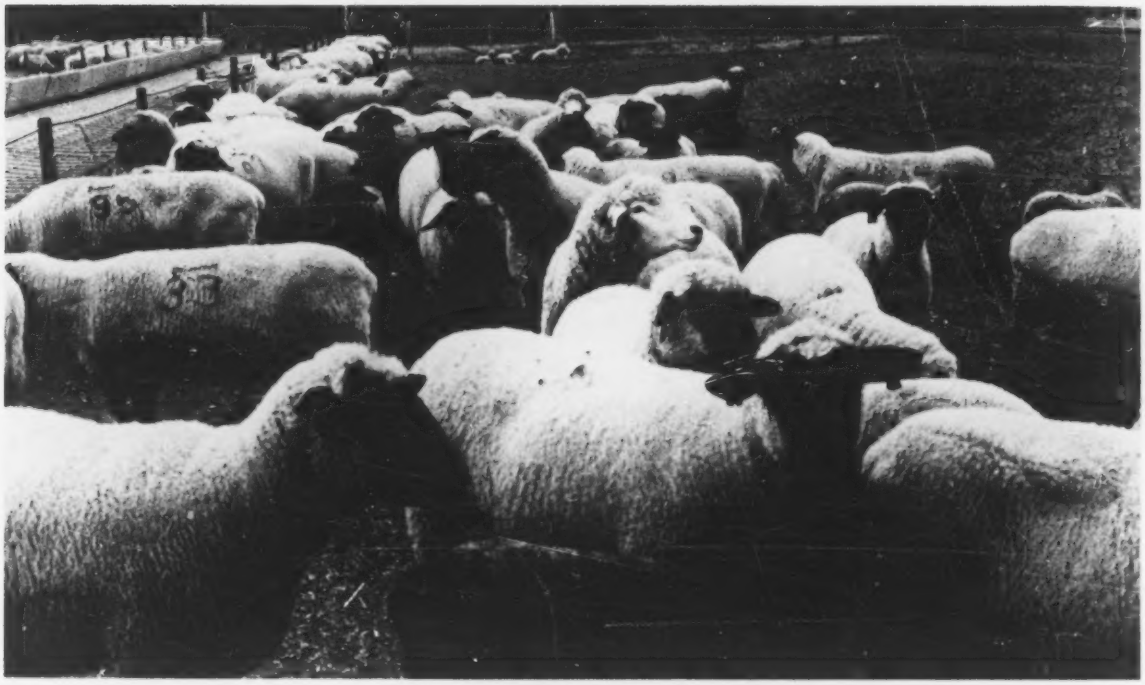


SHEEP AND LAMBS
PRODUCTION, DISPOSITION, AND INCOME, SOUTH DAKOTA, 1985-1990

YEAR	NUMBER ON HAND BEGINNING OF YEAR	LAMB CROP	INSHIPMENTS	MARKETINGS		FARM SLAUGHTER	DEATHS		NUMBER ON HAND END OF YEAR
				SHEEP	LAMBS		SHEEP	LAMBS	
					1,000 HEAD				
1985	639	550	65	113	498	3	30	70	540
1986	540	525	91	22	436	3	25	65	605
1987	605	510	70	54	428	3	30	60	610
1988	610	500	46	85	398	3	30	50	590
1989	590	515	65	52	456	2	25	45	590
1990	590	540	50	48	405	2	30	55	640

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			SHEEP	LAMBS			
	----- 1,000 POUNDS -----		----- DOLLARS -----		---------- 1,000 DOLLARS ----------		
1985	51,499	68,751	23.60	68.50	40,752	286	41,038
1986	52,154	51,858	27.60	70.40	35,331	298	35,629
1987	53,055	56,619	34.90	84.50	44,093	379	44,472
1988	50,964	57,509	26.70	70.10	35,149	311	35,460
1989	55,744	59,640	28.00	67.30	37,276	171	37,447
1990	54,756	53,215	23.30	54.20	26,766	139	26,905

SOUTH DAKOTA SHEEP AND LAMBS



WOOL

SHEEP SHORN, WOOL PRODUCTION, AND VALUE, SOUTH DAKOTA, 1985-1990

YEAR	STATE TOTAL				
	SHEEP SHORN	WEIGHT PER FLEECE	WOOL PRODUCTION	PRICE PER POUND 1/	VALUE OF PRODUCTION 1/
	1,000 HEAD	POUNDS	1,000 POUNDS	DOLLARS	1,000 DOLLARS
1985	656	8.5	5,592	0.60	3,355
1986	525	8.7	4,554	0.62	2,823
1987	630	8.5	5,382	0.84	4,521
1988	620	8.6	5,333	1.32	7,040
1989	565	9.0	5,082	1.31	6,657
1990	590	9.0	5,317	0.80	4,254

1/ INCENTIVE PAYMENT NOT INCLUDED.

SHEEP AND LAMB SLAUGHTER, NUMBER OF HEAD, AVERAGE LIVEWEIGHT PER HEAD, BY MONTH, SOUTH DAKOTA, 1985-1990 1/

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
							1,000 HEAD						
1985	41.8	36.6	40.2	35.1	31.1	34.4	38.2	38.5	0.3	0.4	7.0	31.6	335.2
1986	32.5	28.8	31.5	30.0	21.6	23.2	30.4	31.3	37.3	36.9	30.2	24.6	358.2
1987	23.9	19.4	21.8	19.3	0.2	0.4	0.3	0.4	0.3	0.3	0.3	0.2	87.0
1988	0.2	0.2	0.3	0.2	0.2	0.4	0.3	0.5	0.3	0.3	0.2	0.2	3.4
1989	0.2	0.2	0.2	1.5	7.1	9.4	9.5	11.6	10.8	10.9	9.9	10.5	81.8
1990	9.0	10.3	10.2	12.0	11.5	12.4	12.3	13.8	14.0	14.6	13.7	13.2	146.8
							POUNDS						YEARLY AVERAGE
1985	115	117	120	118	114	110	111	113	109	114	115	119	115
1986	119	123	121	120	114	114	115	116	118	118	118	119	118
1987	119	127	127	122	128	138	111	118	119	126	119	126	124
1988	129	129	137	120	117	126	121	118	120	130	122	117	124
1989	124	120	121	153	130	120	121	118	119	122	123	125	122
1990	124	129	128	129	129	121	121	125	123	124	123	123	125

1/ INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND IN OTHER SLAUGHTER PLANTS BUT EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

POULTRY

CHICKEN INVENTORY NUMBERS, SOUTH DAKOTA, DECEMBER 1, 1985-1990

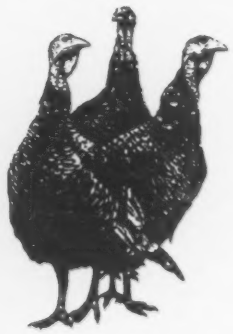
ITEM	1985	1986	1987	1988	1989	1990
	1,000 HEAD					
ALL CHICKENS 1/	1,950	1,850	1,800	1,500	1,830	2,400
HENS & PULLETS LAYING AGE	1,690	1,540	1,500	1,270	1,560	2,200
HENS	640	821	600	640	430	720
PULLETS	1,050	719	900	630	1,130	1,480
OTHERS	260	310	300	230	270	200

1/ EXCLUDING BROILERS.

PRODUCTION AND DISPOSITION OF CHICKENS AND EGGS, SOUTH DAKOTA, 1985-1990 1/

YEAR	CHICKENS SOLD		AVERAGE NUMBER OF LAYERS	RATE OF LAY PER LAYER DURING YEAR 2/	EGG PRODUCTION					PRICE PER DOZEN SOLD	VALUE OF PRODUCTION
	NUMBER	POUNDS			DEC. 3/ THRU FEB.	MARCH THRU MAY	JUNE THRU AUG.	SEPT. THRU NOV.	TOTAL PRODUCED		
	1,000 HEAD			EGGS	MILLIONS					CENTS	1,000 $
1985	960	3,840	1,590	246	97	98	98	98	391	36.0	11,730
1986	986	3,944	1,619	244	99	101	100	95	395	39.0	12,837
1987	1,050	4,200	1,501	239	90	88	89	91	358	32.0	9,547
1988	1,200	4,800	1,414	246	91	90	87	80	348	31.0	8,990
1989	800	3,200	1,461	255	81	97	103	92	373	47.0	14,609
1990	720	2,880	1,672	260	87	102	114	132	435	48.0	17,400

1/ DECEMBER 1 PREVIOUS YEAR THROUGH NOVEMBER 30. 2/ NUMBER OF EGGS PRODUCED DURING THE YEAR DIVIDED BY THE AVERAGE NUMBER ON HAND DURING THE YEAR. 3/ PREVIOUS YEAR.



PRODUCTION AND DISPOSITION OF TURKEYS, SOUTH DAKOTA, 1985-1990

YEAR	NUMBER RAISED 1/	POUNDS PRODUCED	PRICE PER POUND	VALUE OF PRODUCTION
	1,000 HEAD	1,000 POUNDS	CENTS	1,000 DOLLARS
1985	1,723	42,903	47.0	20,164
1986	1,968	51,955	43.0	22,341
1987	2,376	67,003	32.0	21,441
1988	2,370	66,597	37.0	24,641
1989	2,220	63,492	37.0	23,492
1990	2,600	79,820	36.0	28,735

1/EXCLUDES YOUNG TURKEYS LOST.

HONEY

SOUTH DAKOTA, 1987-1990

YEAR	COLONIES OF BEES	HONEY PRODUCTION PER COLONY	PRODUCTION	PRICES RECEIVED BY PRODUCERS	VALUE OF PRODUCTION	HONEY STOCKS ON HAND FOR SALE DEC. 15
	1,000	POUNDS	1,000 POUNDS	CENTS PER POUND	1,000 DOLLARS	1,000 POUNDS
1987	250	134	33,500	0.46	15,410	5,360
1988	245	74	18,130	0.46	8,340	2,901
1989	230	49	11,270	0.46	5,184	2,029
1990	245	81	19,845	0.48	9,526	3,771

DAIRY

MILK AND MILKFAT PRODUCTION AND MILK UTILIZATION, SOUTH DAKOTA, 1985-1990

YEAR	MILK COWS ON FARMS 1/	PRODUCTION PER MILK COW DURING YEAR		PERCENTAGE OF MILKFAT IN MILK PRODUCED	TOTAL PRODUCTION		DISPOSITION OF MILK		ANNUAL AVERAGE PRICE
		MILK	MILKFAT		MILK	MILKFAT	USED ON FARMS WHERE PRODUCED	MILK MARKETED	
	1,000 HEAD	--- POUNDS ---		PERCENT	----- MILLION POUNDS -----				DOL/CWT
1985	162	10,765	393	3.65	1,744	63.7	18	1,726	11.90
1986	156	10,801	391	3.62	1,685	61.0	17	1,668	11.60
1987	148	11,608	418	3.60	1,718	61.8	18	1,700	11.70
1988	146	11,966	434	3.63	1,747	63.4	17	1,730	11.50
1989	143	12,056	440	3.65	1,724	62.9	16	1,708	12.90
1990	140	12,257	446	3.64	1,716	62.5	15	1,701	13.00

1/ AVERAGE NUMBER ON FARMS DURING YEAR.

MILK PRODUCTION, BY QUARTER, SOUTH DAKOTA, 1985-1990

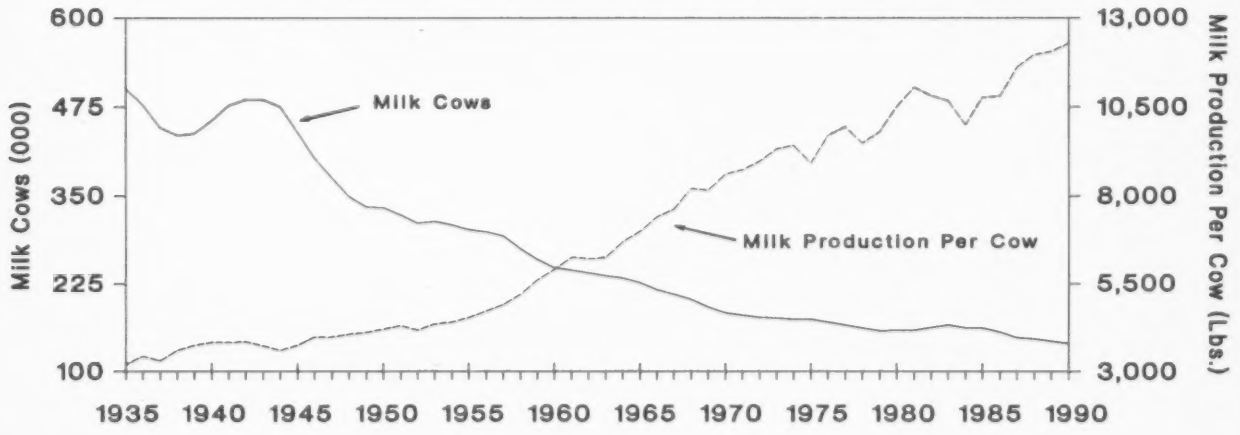
YEAR	JANUARY - MARCH	APRIL - JUNE	JULY - SEPTEMBER	OCTOBER - DECEMBER	ANNUAL PRODUCTION
	MILLION POUNDS				
1985	399	468	462	415	1,744
1986	421	471	419	374	1,685
1987	402	465	442	409	1,718
1988	431	465	439	412	1,747
1989	420	460	438	406	1,724
1990	420	451	428	417	1,716

MANUFACTURED CHEESE PRODUCTS, SOUTH DAKOTA, 1985-1990

YEAR	CHEESE (EXCLUDING COTTAGE CHEESE)			
	TOTAL (ALL TYPES)	AMERICAN TYPES	CHEDDAR CHEESE	OTHER AMERICAN 1/
	1,000 POUNDS			
1985	131,777	91,458	83,095	8,363
1986	127,259	85,016	79,428	5,588
1987	134,082	78,435	72,304	6,131
1988	134,859	73,934	67,450	6,484
1989	148,849	59,632	51,212	8,420
1990	156,458	49,991	33,414	16,577

1/ INCLUDES COLBY, WASHED CURD, STIRRED CURD, MONTEREY, AND JACK.

MILK COWS AND MILK PRODUCTION, SOUTH DAKOTA, 1935-1990



INCOME AND PRICES

SOUTH DAKOTA

Income

The preliminary 1990 South Dakota cash receipts from farm marketings, excluding government payments, increased 14% from 1989 totaling $3,399 million. Sales from all livestock, poultry, and their related products accounted for $2,352 million or 69% of the 1990 total receipts. Sales from all crops totaled $1,046 million. Receipts for all livestock products were up 12% from 1989 while receipts for all crops were up 18% from 1989.

The final 1989 total cash receipts from farm marketings, including government payments, were $3,332 million, down 3% from 1988. Livestock and crop marketings accounted for 63% and 27% of the total, respectively.

Cattle and calves remained the largest income source in 1989 accounting for 44% of the total. Hogs, soybeans, and wheat were second, third, and fourth, accounting for 10%, 8%, and 7% of the total, respectively.

Government payments accounted for $340 million of the 1989 total. Payments from the wheat and feed grain programs accounted for 39% of the total government payments. Payments from the feed grain program were down 56% from 1988 at $102 million and wheat program payments were down 61% from 1988 at $29 million. Farm production expenditures during 1989 totaled $2,718 million, up 6% from 1988. The 1989 net farm income for South Dakota totaled $806 million, up 22% from 1988.

Prices

The preliminary 1990 marketing year average price for crops decreased from 1989 levels, except for rye, soybeans, potatoes and sunflowers. All wheat was down $1.09 to $2.51 per bushel. Corn prices decreased 9 cents to $2.05 per bushel. Oat prices decreased 40 cents to $1.05 per bushel. Grain sorghum decreased 11 cents to $3.25 per hundredweight. Barley decreased 63 cents to $1.75 per bushel while flaxseed prices decreased 99 cents per bushel to $6.00. The all hay price decreased $11.50 per ton to $62.50. Rye prices increased 5 cents to $1.75 while soybean prices were up 15 cents to $5.50. Potato prices showed an increase of 25 cents to $4.95 per hundredweight and sunflowers increased 40 cents to $10.10 per hundredweight.

The 1990 annual average prices for meat animals were both up and down from 1989. Hog prices increased $11.80 to $54.10 per hundredweight. The average price for beef cattle increased $7.40 to $76.60 per hundredweight. Calf prices increased $4.60 to $101.00 per hundredweight. Lamb prices dropped $13.10 per hundredweight to $54.20 for the yearly average, while sheep prices decreased $4.70 per hundredweight to $23.30 for 1990.

UNITED STATES

Income

The 1989 United States cash receipts from farm marketings (including government payments) totaled $170 billion, an increase of 3% from 1988. Of the 1989 total, 49% resulted from the sales of livestock, poultry, and related products. Crop sales accounted for 44% of the total, while government payments accounted for the remaining 7%. The five leading states for farm cash receipts (including government payments) in 1989 were California, Texas, Iowa, Nebraska, and Illinois. South Dakota ranked twentieth in total cash receipts, twenty-ninth in crops, and sixteenth in livestock receipts. The five leading states for livestock receipts in 1989 were Texas, Nebraska, Iowa, California, and Wisconsin, in that order. The top five states in crop cash receipts were California, Florida, Illinois, Iowa, and Texas. The leading states for individual commodities were Texas for cattle and calves; Kansas for wheat and sorghum; Illinois for corn and soybeans; and Iowa for hogs.

Prices

Nationally, prices received by farmers in 1990 for all major crops were down from 1989, except for rye, soybeans and sunflowers which increased slightly. Grain sorghum averaged $3.75 per hundredweight, unchanged from 1990. Corn prices dropped 6 cents to $2.30 per bushel and barley prices decreased 29 cents per bushel to $2.13. Oat prices decreased 36 cents to $1.13 per bushel while the all wheat price dropped $1.11 from 1989 to $2.61 per bushel.

The United States 1990 average price for beef cattle, at $74.60 per hundredweight was up 7% from 1989, and calf prices increased 5% to $95.60 per hundredweight. The average hog price at $53.70 per hundredweight was up 26% from 1989. Lamb prices averaged $55.50 per hundredweight, down 16% from 1989, and sheep prices, at $23.20 per hundredweight, were down 5%.

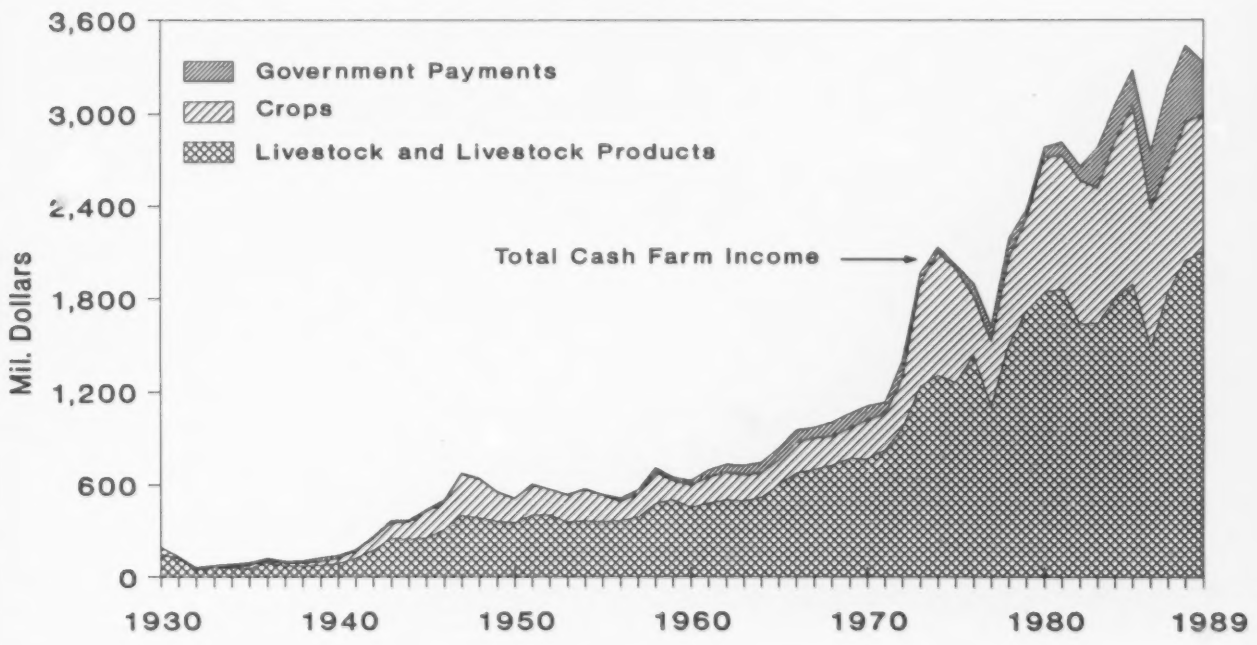
CASH RECEIPTS

CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS, SOUTH DAKOTA, 1987-1989

COMMODITY	CASH RECEIPTS			PERCENT TOTAL		
	1987	1988	1989	1987	1988	1989
	----- 1,000 DOLLARS -----			----- PERCENT -----		
CROPS:						
WHEAT	246,810	176,521	225,569	7.8	5.1	6.8
CORN	188,121	248,284	220,408	5.9	7.2	6.6
SORGHUM	11,180	13,558	13,846	0.4	0.4	0.4
OATS	42,565	45,653	31,988	1.3	1.3	1.0
BARLEY	29,541	36,868	22,155	0.9	1.1	0.7
RYE	6,112	3,829	4,512	0.2	0.1	0.1
FLAXSEED	2,328	1,458	1,711	0.1	0.1	0.1
SOYBEANS	188,752	267,700	261,221	5.9	7.8	7.8
POTATOES	7,368	6,521	8,503	0.2	0.2	0.2
HAY	34,351	34,144	44,664	1.1	1.0	1.3
SUNFLOWER	36,464	19,553	25,185	1.2	0.5	0.8
MISCELLANEOUS CROPS 1/	33,715	40,967	24,192	1.1	1.2	0.7
TOTAL CROPS	827,307	895,056	883,954	26.1	26.0	26.5
LIVESTOCK AND PRODUCTS:						
CATTLE AND CALVES	1,191,682	1,434,466	1,455,610	37.5	41.7	43.7
HOGS	344,794	321,227	335,233	10.8	9.3	10.1
SHEEP AND LAMBS	44,093	35,148	37,275	1.4	1.0	1.1
TURKEYS	21,441	24,641	23,280	0.7	0.7	0.7
EGGS	9,547	8,990	14,609	0.3	0.3	0.4
OTHER POULTRY	2,576	2,621	2,661	0.1	0.1	0.1
DAIRY PRODUCTS	198,900	198,950	220,332	6.3	5.8	6.6
HONEY	15,410	8,340	5,297	0.5	0.2	0.2
WOOL	4,521	7,040	6,657	0.1	0.2	0.2
MISCELLANEOUS LIVESTOCK 2/	8,759	8,303	7,264	0.3	0.3	0.2
TOTAL LIVESTOCK AND PRODUCTS	1,841,723	2,049,726	2,108,218	58.0	59.6	63.3
TOTAL CROPS AND LIVESTOCK	2,669,030	2,944,782	2,992,172	84.1	85.6	89.8
GOVERNMENT PAYMENTS	504,827	496,046	340,262	15.9	14.4	10.2
GRAND TOTAL	3,173,857	3,440,828	3,332,434	100.0	100.0	100.0

1/ MISCELLANEOUS VEGETABLES, FRUITS AND NUTS, ALFALFA SEED, OTHER FIELD CROPS, AND GREENHOUSE PRODUCTS.
2/ ALL OTHER LIVESTOCK PRODUCTS.

CASH RECEIPTS



CASH RECEIPTS, INCOME, AND EXPENSES

CASH RECEIPTS FROM FARM MARKETINGS, BY MONTH AND PERCENT DISTRIBUTION, SOUTH DAKOTA, 1990 1/

MONTH	CROPS		LIVESTOCK		TOTAL	
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
JANUARY	86,037	8.2	193,037	8.2	279,074	8.2
FEBRUARY	49,516	4.7	163,646	7.0	213,162	6.3
MARCH	49,807	4.8	160,970	6.8	210,777	6.2
APRIL	49,118	4.7	138,060	5.9	187,178	5.5
MAY	53,082	5.1	143,104	6.1	196,186	5.8
JUNE	50,774	4.8	161,913	6.9	212,687	6.2
JULY	75,500	7.2	141,191	6.0	216,691	6.4
AUGUST	104,179	10.0	181,316	7.7	285,495	8.4
SEPTEMBER	105,653	10.1	192,621	8.2	298,274	8.8
OCTOBER	217,463	20.8	278,129	11.8	495,592	14.6
NOVEMBER	101,119	9.7	270,637	11.5	371,756	10.9
DECEMBER	104,051	9.9	327,863	13.9	431,914	12.7
YEAR	1,046,299	100.0	2,352,487	100.0	3,398,786	100.0

1/ PRELIMINARY.

TOTAL CASH RECEIPTS, CASH RECEIPTS FROM GOVERNMENT PAYMENTS AND TOTAL INCOME, SOUTH DAKOTA, 1987-1989

ITEM	1987	1988	1989
	MILLION DOLLARS		
CASH RECEIPTS FROM FARM MARKETINGS	2,669.0	2,944.8	2,992.1
GOVERNMENT PAYMENTS	504.8	496.0	340.3
CONSERVATION 1/	31.8	46.6	63.7
FEED GRAIN PROGRAMS	289.2	232.7	102.0
WHEAT PROGRAM	127.1	75.0	28.9
WOOL ACT	5.8	4.6	2.4
MISCELLANEOUS 2/	51.0	137.2	143.3
OTHER FARM INCOME	98.2	90.6	125.2
NON-CASH INCOME	106.1	106.8	104.7
VALUE OF INVENTORY ADJUSTMENT	-36.0	-406.9	-38.2
TOTAL GROSS FARM INCOME	3,342.1	3,231.4	3,524.0
TOTAL PRODUCTION EXPENSES	2,514.1	2,570.9	2,718.1
TOTAL NET FARM INCOME	828.0	660.5	805.8

1/ INCLUDES AMOUNTS PAID UNDER AGRICULTURAL AND CONSERVATION PROGRAMS. 2/ INCLUDES MILK INDEMNITY PROGRAM, PAYMENT-IN-KIND PROGRAM, BEEKEEPERS INDEMNITY PROGRAM, EMERGENCY FEED PROGRAM, WATER BANK PROGRAM, AND OTHER MISCELLANEOUS PROGRAMS.

FARM PRODUCTION EXPENSES, SOUTH DAKOTA, 1987-1989

ITEM	1987	1988	1989
	MILLION DOLLARS		
FEED	287.4	321.5	352.1
LIVESTOCK	174.9	197.3	185.2
SEED	77.6	77.9	88.9
FERTILIZER AND LIME	94.0	98.7	110.0
PESTICIDES	75.4	74.2	95.6
FUEL AND OIL	135.8	135.2	146.3
ELECTRICITY	41.4	42.9	40.4
REPAIR AND MAINTENANCE	139.1	138.6	163.0
OTHER MISC. 1/	347.2	436.1	434.7
INTEREST	357.1	342.4	331.7
LABOR EXPENSES	79.7	82.5	87.3
NET RENT TO NON OPERATOR LANDLORDS	248.0	190.5	232.1
CAPITAL CONSUMPTION	340.5	314.8	327.0
PROPERTY TAXES	115.8	118.4	123.9
TOTAL PRODUCTION EXPENSES	2,514.1	2,570.9	2,718.1

1/ INCLUDES MACHINE HIRE AND CUSTOM WORK EXPENSES; MARKETING, STORAGE, AND TRANSPORTATION EXPENSES; AND MISCELLANEOUS EXPENSES.

FARM BALANCE SHEET, SOUTH DAKOTA, DECEMBER 31, 1987-1989 1/

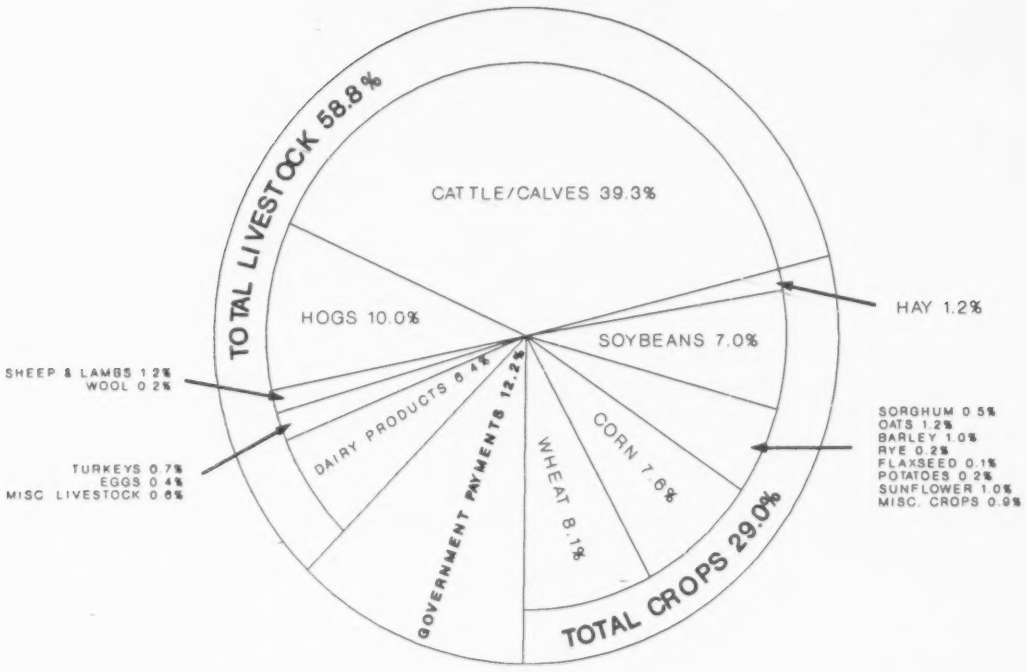
ITEM	1987	1988	1989
		MILLION DOLLARS	
TOTAL FARM ASSETS	18,014.4	19,570.9	21,669.0
TOTAL FARM DEBT	3,559.4	3,367.5	3,281.0
REAL ESTATE DEBT	1,612.8	1,490.3	1,425.7
NONREAL ESTATE DEBT	1,946.6	1,877.2	1,855.3
EQUITY	14,455.0	16,203.4	18,388.0
		RATIO (%)	
EQUITY/ASSETS	80.2	82.8	84.9
DEBT/EQUITY	24.6	20.8	17.8
DEBT/ASSETS	19.8	17.2	15.1

1/ INCLUDING OPERATOR HOUSEHOLDS.

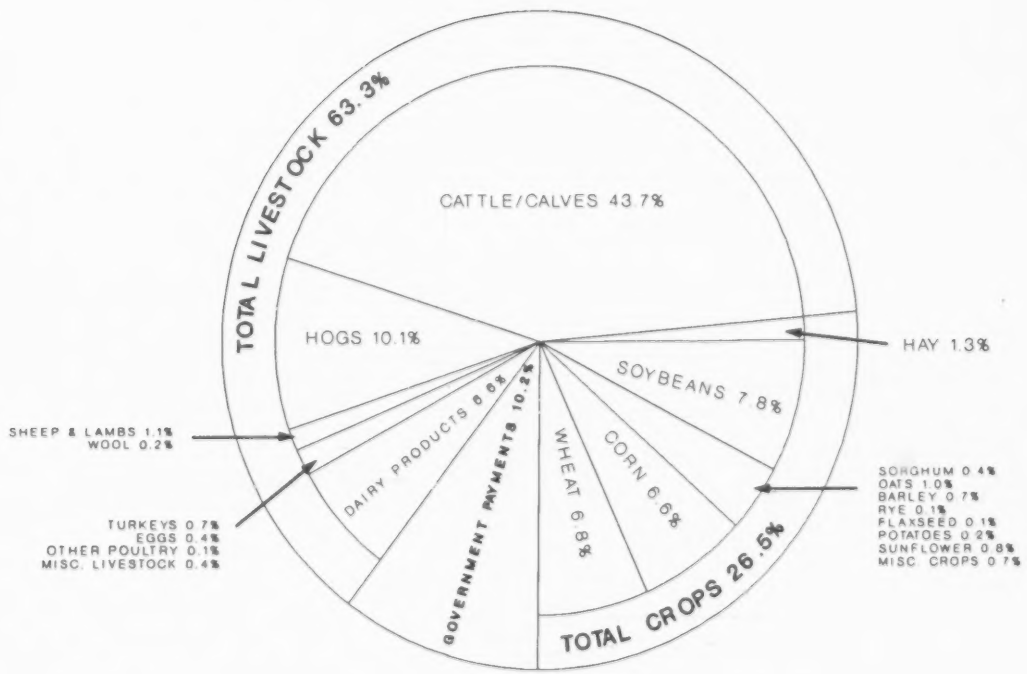
CASH RECEIPTS

PERCENT OF TOTAL

1985-1989 AVERAGE

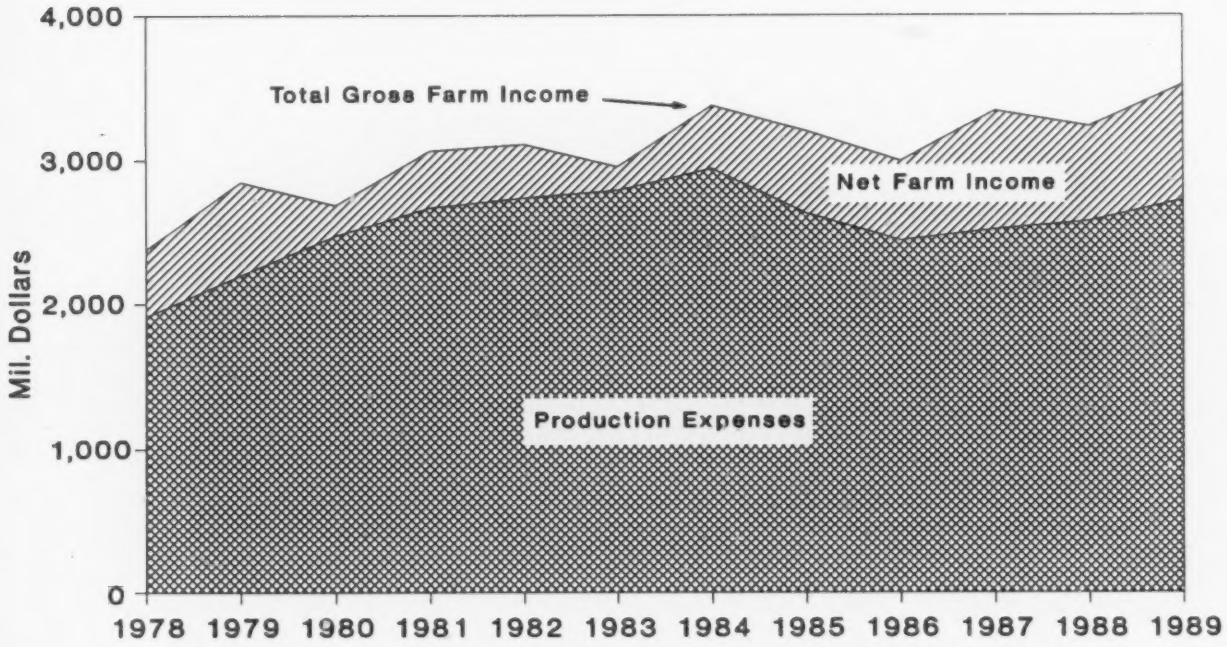


1989

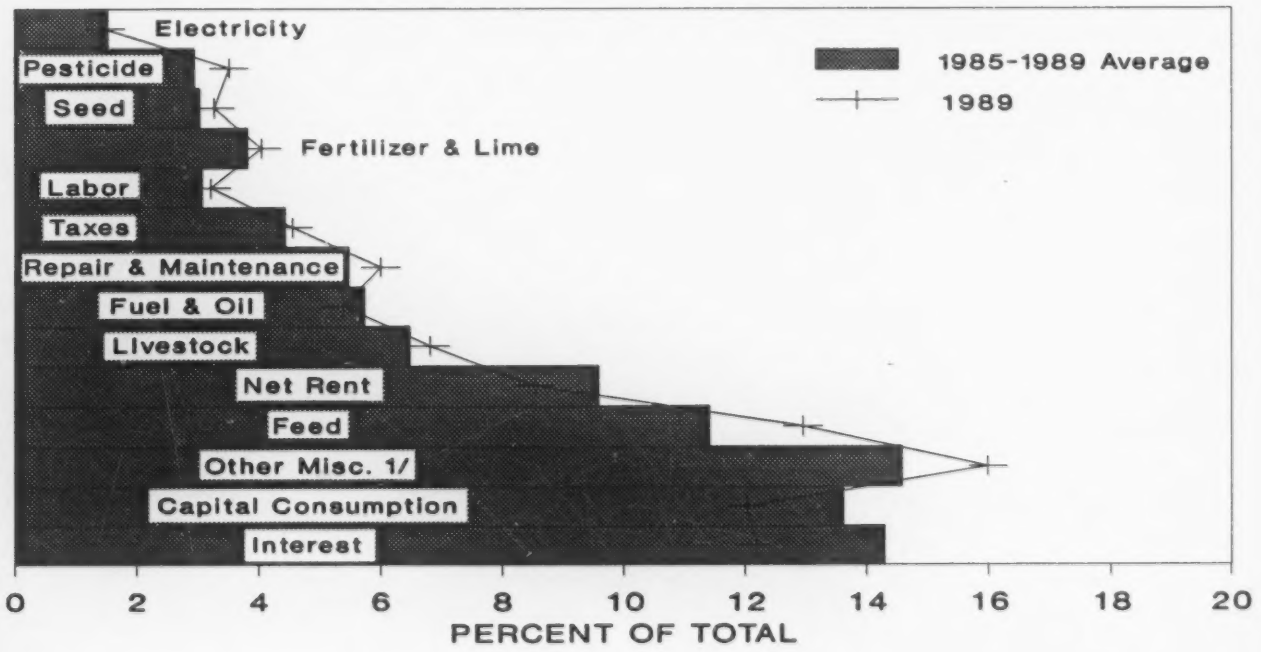


FARM INCOME & EXPENSES

SOUTH DAKOTA FARM INCOME



SOUTH DAKOTA PRODUCTION EXPENDITURES



1/ INCLUDES MACHINE HIRE AND CUSTOMWORK EXPENSES; MARKETING, STORAGE AND TRANSPORTATION EXPENSES; AND MISCELLANEOUS EXPENSES.

CROP PRICES

MARKETING YEAR AVERAGE PRICES RECEIVED 1/, PRINCIPAL CROPS, SOUTH DAKOTA AND UNITED STATES, 1983-1990

CROP	UNIT	1983	1984	1985	1986	1987	1988	1989	1990 2/
		DOLLARS							
SOUTH DAKOTA									
WHEAT, ALL	BU.	3.67	3.49	3.25	2.42	2.60	3.73	3.60	2.51
CORN FOR GRAIN	BU.	3.05	2.45	2.07	1.37	1.92	2.38	2.14	2.05
SORGHUM FOR GRAIN	CWT.	4.40	3.75	2.93	2.07	2.55	3.50	3.36	3.25
OATS	BU.	1.59	1.53	1.07	1.28	1.70	2.57	1.45	1.05
BARLEY	BU.	2.25	1.98	1.75	1.38	1.69	2.63	2.38	1.75
RYE	BU.	2.00	1.75	1.75	1.25	1.48	2.12	1.70	1.75
FLAXSEED	BU.	6.77	6.20	5.37	3.58	3.31	7.71	6.99	6.00
SOYBEANS	BU.	7.66	5.53	4.80	4.58	5.37	7.21	5.35	5.50
POTATOES, ALL	CWT.	3.75	3.60	3.15	3.40	3.35	4.20	4.70	4.95
HAY, ALL	TON	40.50	44.50	47.00	32.00	36.00	69.50	74.00	62.50
SUNFLOWER, ALL	CWT.	13.40	10.00	7.46	6.11	7.73	11.20	9.70	10.10
UNITED STATES									
WHEAT, ALL	BU.	3.51	3.39	3.08	2.42	2.57	3.72	3.72	2.61
CORN FOR GRAIN	BU.	3.21	2.63	2.23	1.50	1.94	2.54	2.36	2.30
SORGHUM FOR GRAIN	CWT.	4.89	4.15	3.45	2.45	3.04	4.05	3.75	3.75
OATS	BU.	1.62	1.67	1.23	1.21	1.56	2.61	1.49	1.13
BARLEY	BU.	2.47	2.29	1.98	1.61	1.81	2.80	2.42	2.13
RYE	BU.	2.17	1.79	2.03	1.49	1.63	2.52	2.06	2.09
FLAXSEED	BU.	6.84	6.09	5.05	3.47	3.39	7.56	7.20	5.32
SOYBEANS	BU.	7.83	5.84	5.05	4.78	5.88	7.42	5.69	5.75
POTATOES, ALL	CWT.	5.82	5.69	3.92	5.03	4.38	6.02	7.36	6.15
HAY, ALL	TON	75.80	72.70	67.60	59.70	65.10	85.20	85.40	83.20
SUNFLOWER, ALL	CWT.	13.00	11.30	7.93	6.90	8.34	12.10	10.60	10.90

1/ MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS ARE BASED ON MONTHLY PRICES WEIGHTED BY MONTHLY MARKETINGS DURING SPECIFIC PERIODS. THESE PERIODS, BY CROP ARE JUNE THRU MAY FOR WHEAT, OATS, BARLEY; JULY THRU JUNE FOR FLAXSEED; SEPTEMBER THRU AUGUST FOR CORN, SORGHUM GRAIN, SOYBEANS, SUNFLOWER. PRICES DO NOT INCLUDE ALLOWANCE FOR CCC LOANS OUTSTANDING, PURCHASES BY THE GOVERNMENT, OR DEFICIENCY PAYMENTS. 2/ PRELIMINARY.

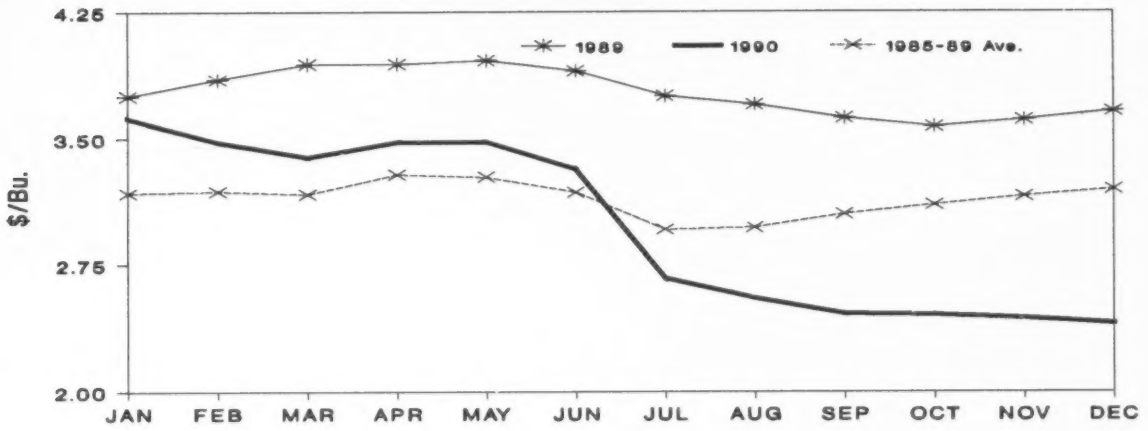
MONTHLY AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS, SOUTH DAKOTA, 1989-1990

COMMODITY	YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
		DOLLARS PER BUSHEL											
ALL WHEAT	1989	3.75	3.85	3.94	3.94	3.96	3.90	3.75	3.70	3.62	3.57	3.61	3.66
	1990	3.62	3.48	3.39	3.48	3.48	3.32	2.67	2.55	2.46	2.45	2.43	2.40
WINTER WHEAT	1989	3.68	3.83	3.88	3.89	3.92	3.86	3.75	3.69	3.71	3.55	3.68	3.64
	1990	3.64	3.48	3.39	3.44	3.47	3.29	2.62	2.44	2.25	2.31	2.21	2.24
DURUM WHEAT	1989	NA	4.37	3.99	4.02	4.05	3.67	3.59	3.79	3.31	3.27	3.17	3.51
	1990	3.54	3.29	3.35	3.33	3.47	3.44	3.03	2.67	2.56	2.41	2.29	2.63
OTHER SPRING WHEAT	1989	3.84	3.86	4.00	3.98	4.02	3.92	3.74	3.70	3.59	3.59	3.56	3.68
	1990	3.62	3.49	3.41	3.51	3.48	3.35	2.79	2.59	2.53	2.56	2.57	2.53
CORN	1989	2.46	2.46	2.45	2.39	2.44	2.40	2.29	2.09	2.02	2.00	2.07	2.13
	1990	2.09	2.10	2.17	2.37	2.46	2.44	2.43	2.31	2.07	1.92	1.91	2.01
OATS	1989	2.54	2.14	2.38	2.14	1.96	1.70	1.53	1.43	1.34	1.39	1.45	1.49
	1990	1.44	1.37	1.40	1.38	1.38	1.26	1.08	1.00	1.01	1.06	1.08	1.08
BARLEY	1989	2.52	2.21	2.81	2.67	2.32	2.07	2.07	2.46	2.89	2.65	2.61	1.90
	1990	1.86	2.46	1.82	1.90	1.93	1.93	1.75	1.74	1.62	1.66	1.72	1.71
FLAXSEED	1989	8.41	NA	7.94	NA	7.58	NA	NA	6.63	7.15	7.25	NA	7.09
	1990	7.69	7.87	NA	NA	NA	NA	NA	6.32	5.36	5.28	NA	NA
SOYBEANS	1989	7.49	7.27	7.39	7.08	6.98	6.80	6.50	5.84	5.26	5.26	5.35	5.48
	1990	5.29	5.24	5.28	5.58	5.68	5.70	5.70	5.75	5.66	5.62	5.55	5.45
SORGHUM 1/	1989	3.79	3.63	3.68	3.57	3.70	3.32	3.57	3.29	3.22	3.27	3.31	3.30
	1990	3.40	3.39	3.34	3.23	3.68	3.68	3.71	NA	4.08	2.98	3.14	3.28
ALL HAY 2/	1989	76.00	83.00	81.00	74.00	70.00	79.00	73.00	64.00	66.00	68.00	77.00	78.00
	1990	82.00	81.00	77.00	82.00	79.00	67.00	51.00	48.00	54.00	65.00	65.00	70.00
ALFALFA HAY 2/	1989	78.00	87.00	87.00	80.00	71.00	80.00	74.00	74.00	67.00	69.00	83.00	86.00
	1990	88.00	91.00	80.00	82.00	79.00	67.00	51.00	49.00	55.00	66.00	65.00	71.00
OTHER HAY 2/	1989	57.00	66.00	59.00	53.00	55.00	51.00	56.00	53.00	62.00	63.00	50.00	61.00
	1990	56.00	55.00	63.00	63.00	NA	NA	NA	40.00	48.00	53.00	NA	39.00

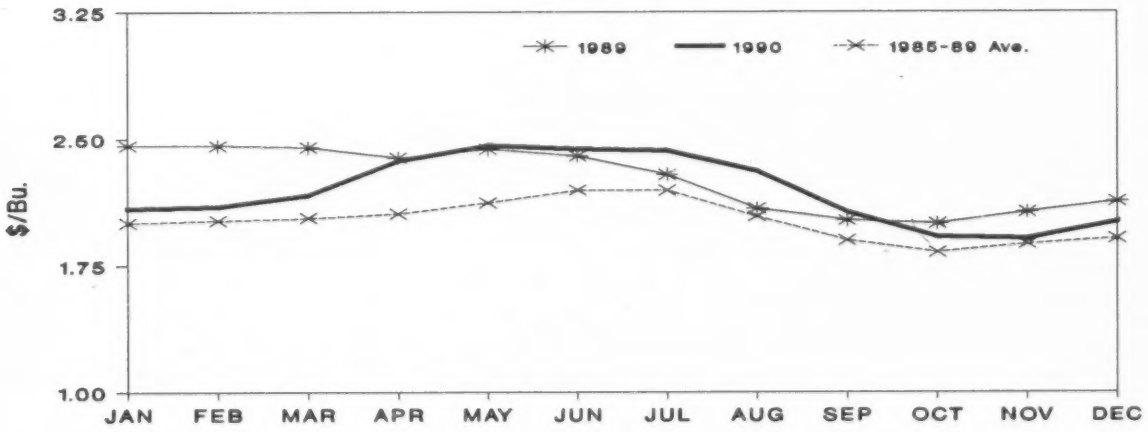
1/ DOLLARS PER CWT. 2/ DOLLARS PER TON, BALED. NA = NOT AVAILABLE.

SOUTH DAKOTA CROP PRICES RECEIVED, BY MONTH

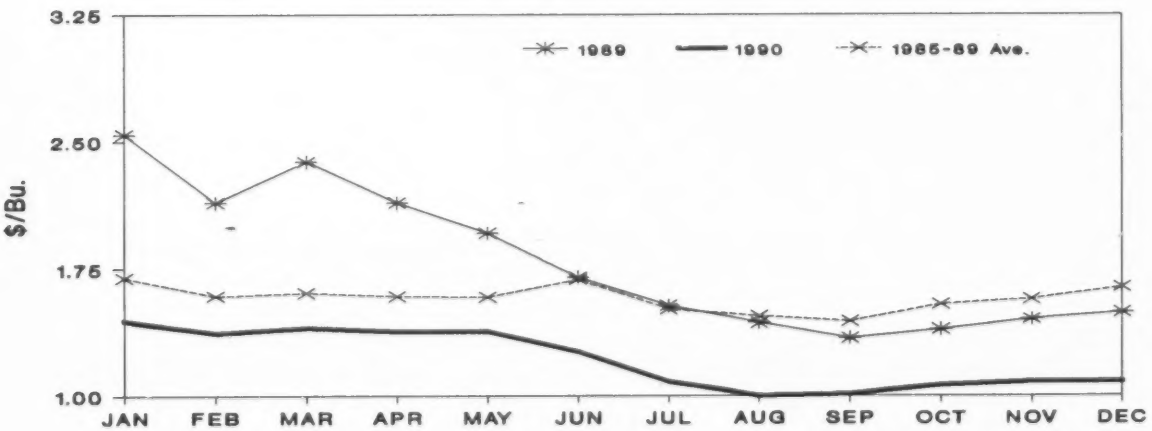
ALL WHEAT



CORN

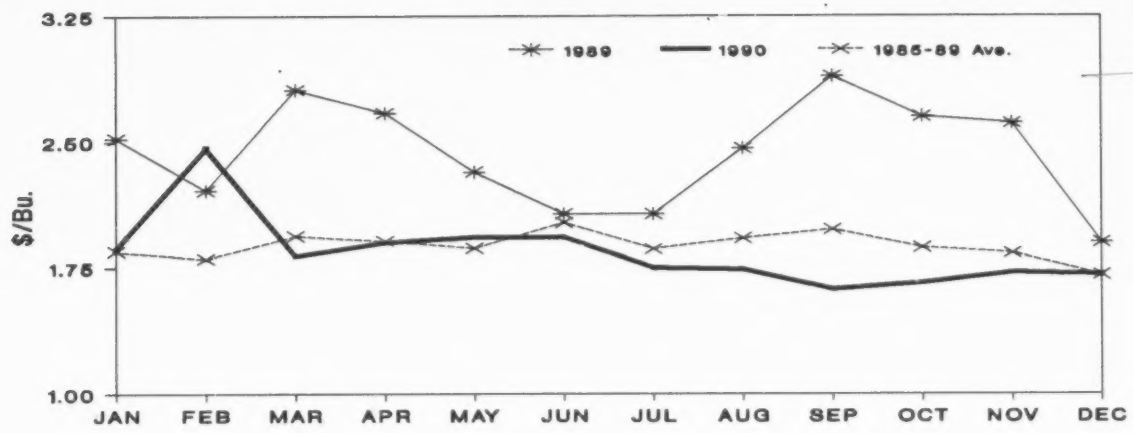


OATS

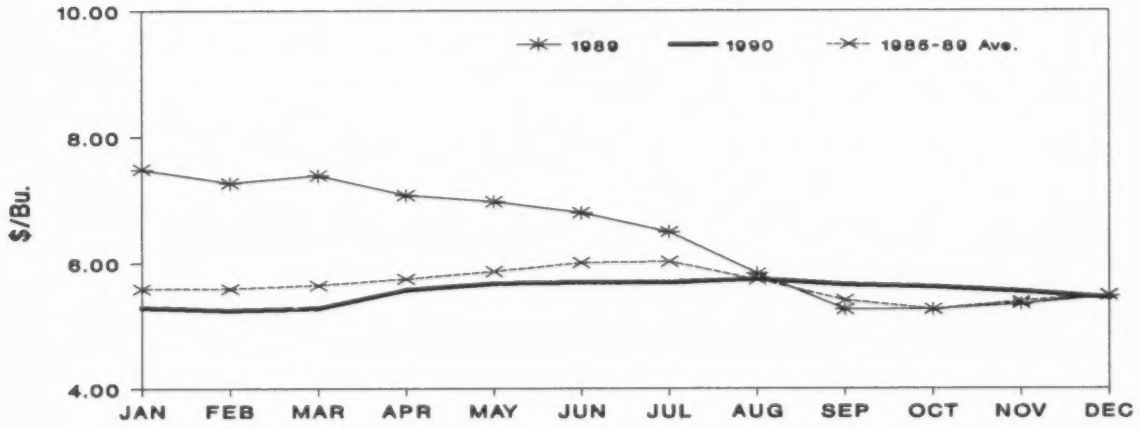


SOUTH DAKOTA CROP PRICES RECEIVED, BY MONTH

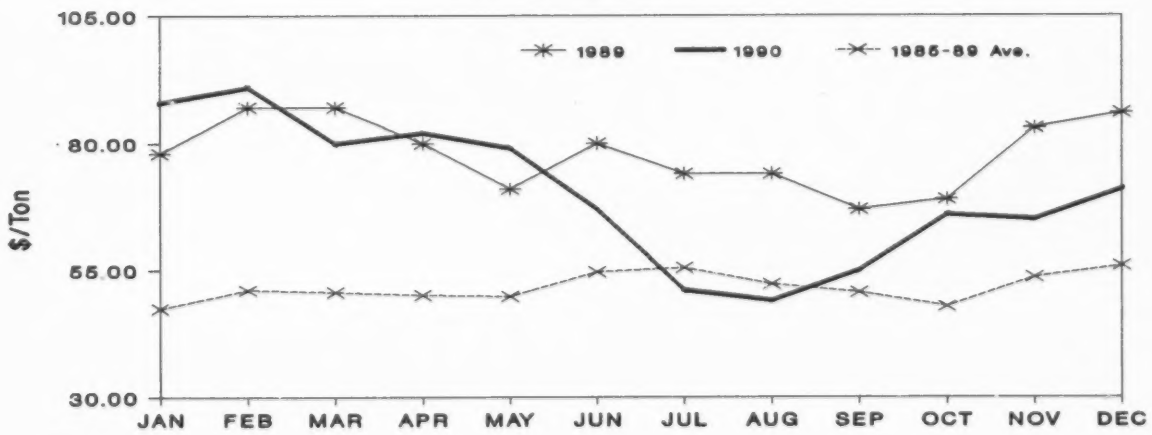
BARLEY



SOYBEANS



ALFALFA HAY



VALUE OF PRODUCTION PER HARVESTED ACRE 1/

SOUTH DAKOTA, 1982-1990

YEAR	CORN FOR GRAIN	ALL WHEAT	BARLEY	OATS	RYE	SOYBEANS	FLAX	ALL HAY
	DOLLARS PER ACRE							
1982	174.24	95.10	75.68	79.46	81.00	170.19	76.71	70.60
1983	161.65	120.76	94.50	76.32	76.00	202.99	88.01	76.11
1984	164.15	120.12	100.98	85.68	70.00	127.19	89.93	83.46
1985	173.88	96.26	78.75	59.92	64.75	153.60	80.55	64.86
1986	112.34	68.48	57.96	56.32	46.25	139.69	50.12	63.52
1987	159.36	78.64	67.60	78.20	53.28	174.53	43.03	64.71
1988	130.90	53.74	47.34	64.25	53.00	173.04	53.97	66.28
1989	154.08	84.97	83.30	58.00	61.20	139.10	69.90	77.43
1990	159.90	84.80	85.75	58.80	59.50	154.00	114.00	93.75

1/ VALUE OF PRODUCTION = MARKETING YEAR AVERAGE PRICE X TOTAL PRODUCTION ÷ HARVESTED ACRES.

LIVESTOCK PRICES

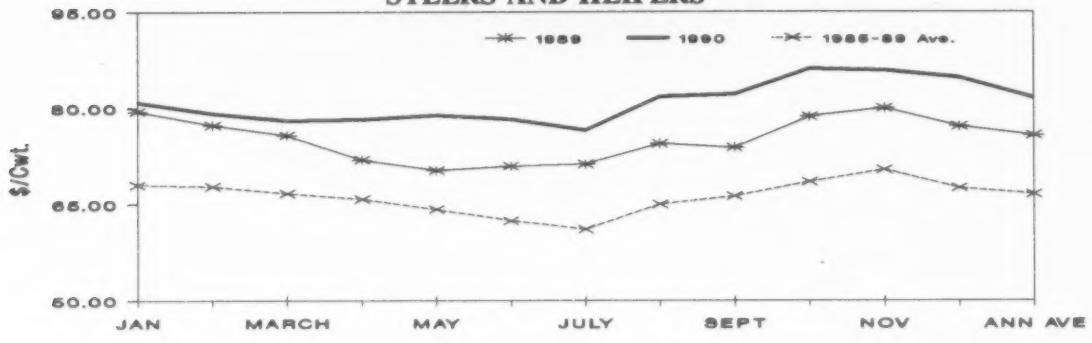
AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS, SOUTH DAKOTA, 1989-1990

ITEM	YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN. AVE. 1/
		DOLLARS PER HUNDREDWEIGHT												
HOGS	1989	40.60	40.20	39.20	37.70	41.30	44.70	45.00	45.20	43.40	46.10	44.90	48.20	42.30
	1990	47.60	48.60	51.50	54.30	61.50	58.00	60.20	56.80	54.10	56.90	50.30	48.00	54.10
BEEF CATTLE	1989	71.50	72.30	71.80	66.50	64.80	63.20	65.40	69.30	69.30	72.10	70.20	69.30	69.20
	1990	72.60	74.20	75.20	74.00	73.10	75.30	72.70	78.80	79.00	82.30	78.80	77.20	76.60
STEERS & HEIFERS	1989	79.50	77.40	75.80	72.00	70.30	71.00	71.30	74.50	73.90	78.70	80.00	77.20	75.80
	1990	80.90	79.20	78.10	78.30	78.90	78.30	76.60	81.80	82.20	86.20	85.90	84.80	81.60
COWS	1989	48.40	50.00	49.20	46.30	47.70	48.20	49.80	51.00	51.00	50.60	47.40	51.50	49.20
	1990	50.80	50.30	55.50	53.00	54.00	55.10	54.60	54.90	54.60	50.70	48.80	50.40	52.00
CALVES	1989	95.30	94.00	91.00	87.70	87.00	89.00	91.80	100.00	105.00	95.90	94.10	93.40	96.40
	1990	95.20	96.10	94.90	96.60	102.00	101.00	101.00	116.00	107.00	101.00	101.00	105.00	101.00
SHEEP	1989	29.60	33.40	27.70	26.10	22.00	21.60	24.40	26.80	29.40	29.90	31.70	26.30	28.00
	1990	32.80	28.60	31.60	25.10	20.30	18.30	20.90	23.90	21.00	21.40	20.00	23.90	23.30
LAMBS	1989	68.90	73.50	76.20	77.70	73.70	71.80	68.20	69.40	70.30	66.30	59.10	57.90	67.30
	1990	56.80	63.70	68.50	68.80	65.30	56.30	55.30	52.80	51.50	51.10	47.20	48.10	54.20
		DOLLARS PER POUND												
WOOL	1989	0.99	1.16	1.31	1.33	1.45	1.31	1.20	1.24	0.79	1.16	0.98	0.66	1.31
	1990	0.67	0.70	0.75	0.82	1.09	0.94	1.06	0.69	0.64	0.57	0.57	0.37	0.80

1/ MONTHLY PRICES WEIGHTED BY ESTIMATED SALES IN EACH MONTH.

SOUTH DAKOTA LIVESTOCK PRICES RECEIVED, BY MONTH

STEERS AND HEIFERS



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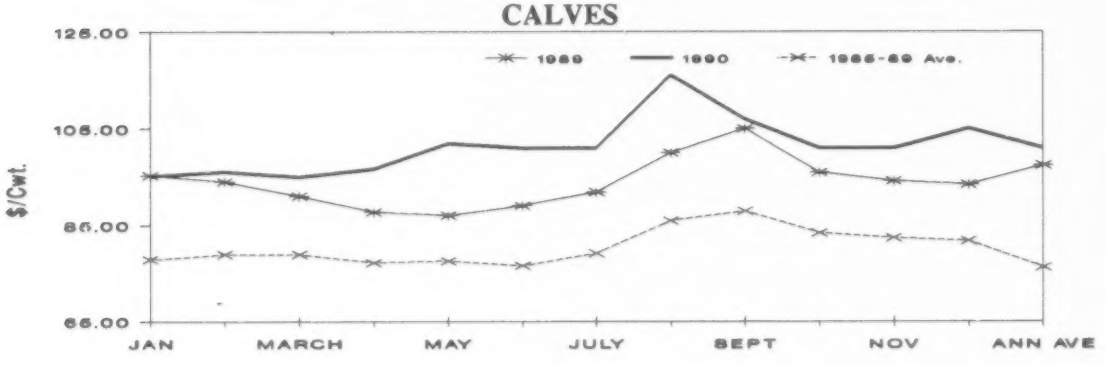
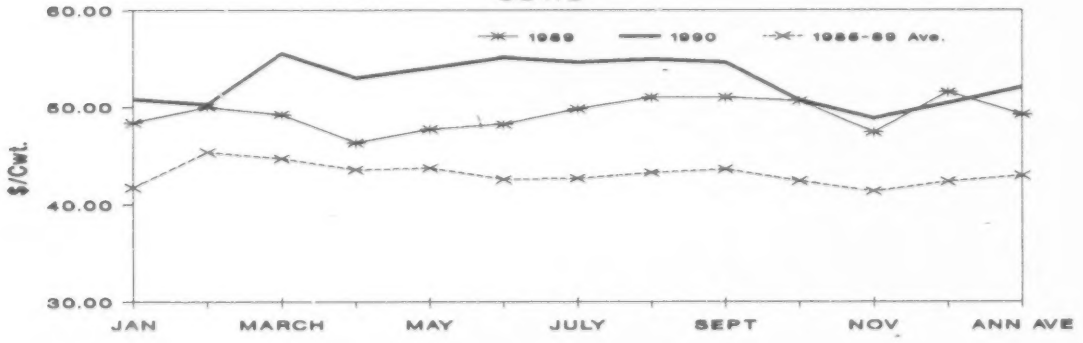
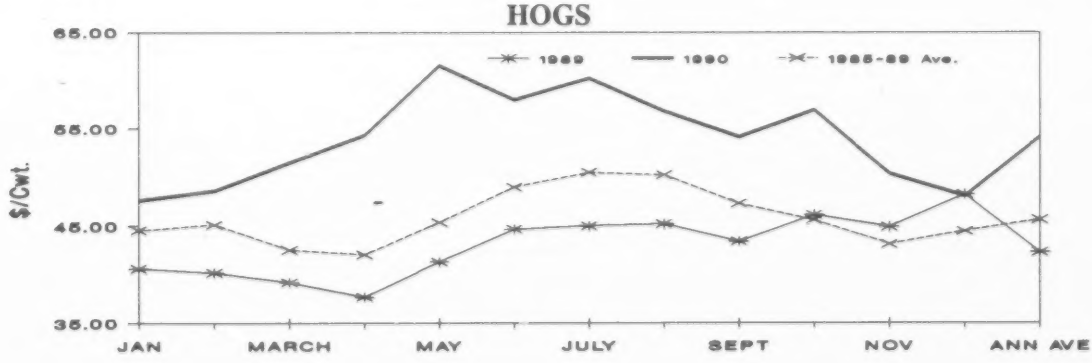


COWS

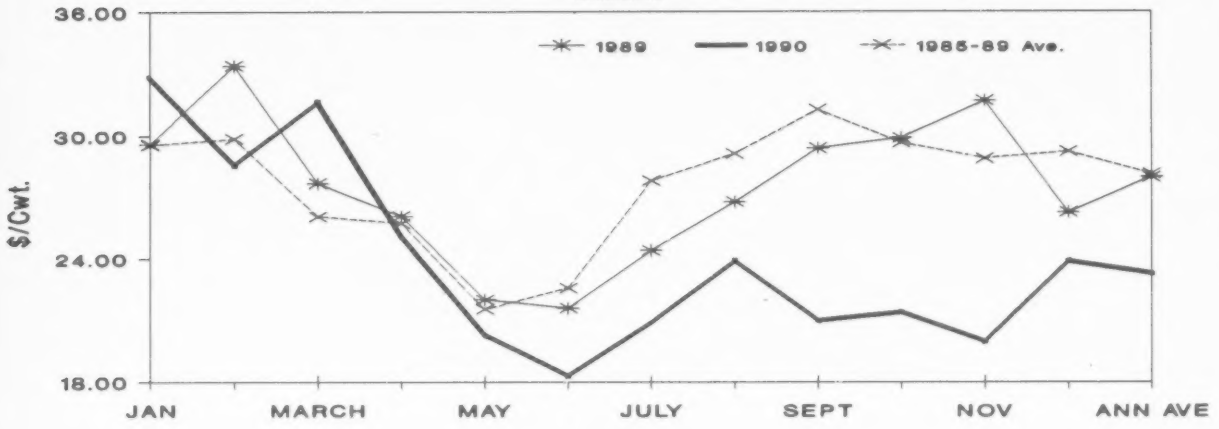


HOGS

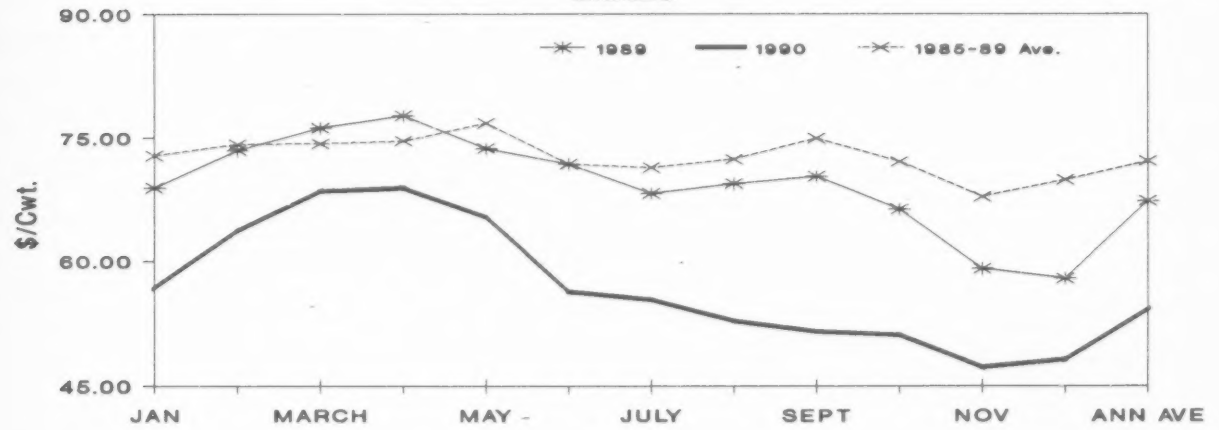


SOUTH DAKOTA LIVESTOCK PRICES RECEIVED, BY MONTH

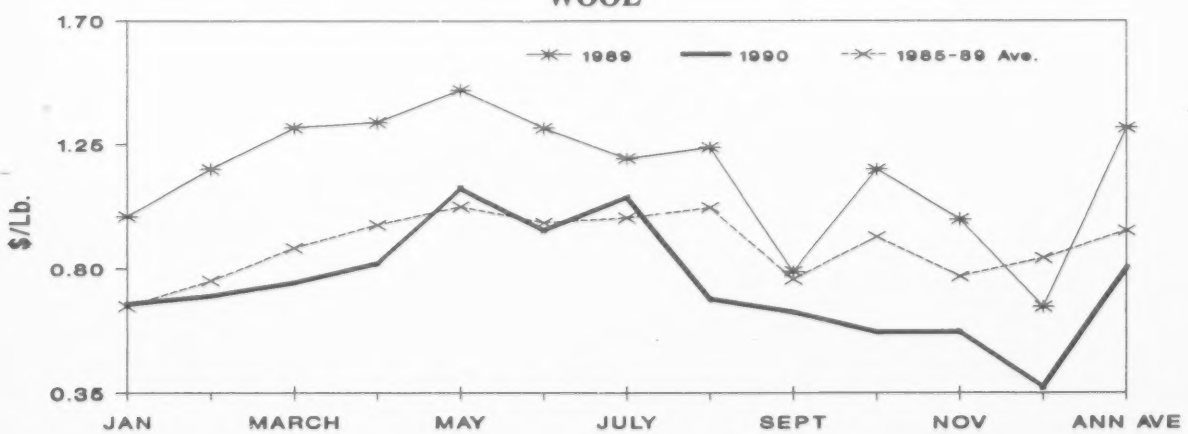
SHEEP



LAMBS

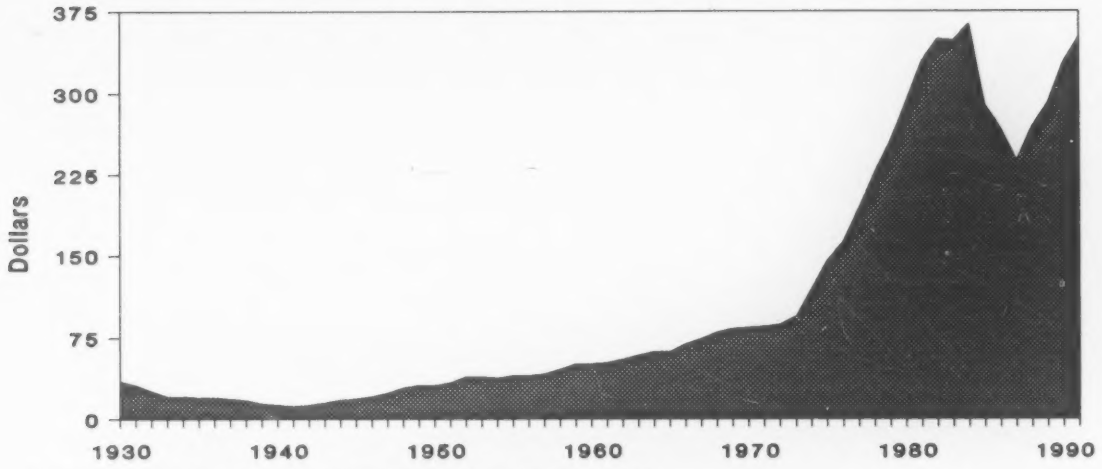


WOOL



LAND VALUES

AVERAGE LAND VALUE PER ACRE, SOUTH DAKOTA 1/



1/ INCLUDES ALL TYPES OF AGRICULTURAL LAND AND BUILDINGS.

FARM REAL ESTATE

FARM REAL ESTATE VALUES, SOUTH DAKOTA 1981-1991

YEAR	FARM REAL ESTATE VALUES 1/		
	TOTAL VALUE 2/	AVERAGE VALUE PER ACRE	AVERAGE VALUE PER OPERATING UNIT 3/
	MILLION DOLLARS	DOLLARS	
1981	14,706	329	386,904
1982	15,531	349	414,263
1983	15,486	348	418,644
1984	16,154	363	436,689
1985	12,861	289	352,291
1986	11,882	267	330,012
1987	10,543	238	297,024
1988	11,917	269	340,554
1989	12,891	291	368,406
1990	14,530	328	415,248
1991	15,549	351	444,366

SOURCE: ECONOMIC RESEARCH SERVICE - U.S.D.A.
1/ TOTAL VALUE OF LAND AND BUILDINGS. SURVEY DATES MAY VARY FROM JANUARY 1 TO APRIL 1. 2/ TOTAL VALUE DERIVED (LAND IN FARMS X AVG. VALUE PER ACRE). 3/ AVG. VALUE PER OPERATING UNIT DERIVED (AVG. SIZE OF FARM X AVG. VALUE PER ACRE).

CASH RENT

FARM, PASTURE AND CROPLAND RENTS, SOUTH DAKOTA, 1981-1991 1/

YEAR	FARMS RENTED FOR CASH 2/		PASTURES RENTED FOR CASH		CROPLAND RENTED FOR CASH	
	RENT PER ACRE	RATIO RENT TO VALUE	RENT PER ACRE	RATIO RENT TO VALUE	RENT PER ACRE	RATIO RENT TO VALUE
	DOLLARS	PERCENT	DOLLARS	PERCENT	DOLLARS	PERCENT
1981	20.90	5.8	10.20	5.2	29.50	5.9
1982	21.30	5.7	9.50	5.0	31.10	5.9
1983	22.90	6.3	9.30	5.5	31.70	6.5
1984	21.70	6.9	8.80	5.5	30.80	7.0
1985	20.40	8.4	8.10	7.3	29.40	8.3
1986	20.90	8.4	7.30	7.5	26.40	9.2
1987	18.40	10.2	6.30	8.7	25.50	10.0
1988	18.90	8.6	6.40	8.3	27.10	9.5
1989	20.90	7.8	7.10	7.9	27.30	8.8
1990	22.90	3/	3/	3/	36.20	8.4
1991	20.50	8.9	6.80	7.6	37.40	8.0

1/ AS OF MARCH 1 FOR 1981, APRIL 1 FOR 1982-1985, FEBRUARY 1 FOR 1986-1989, AND JANUARY 1 FOR 1990-1991. 2/ FARMS RENTED ONLY FOR CASH INCLUDING LAND AND BUILDINGS. 3/ INSUFFICIENT INFORMATION.

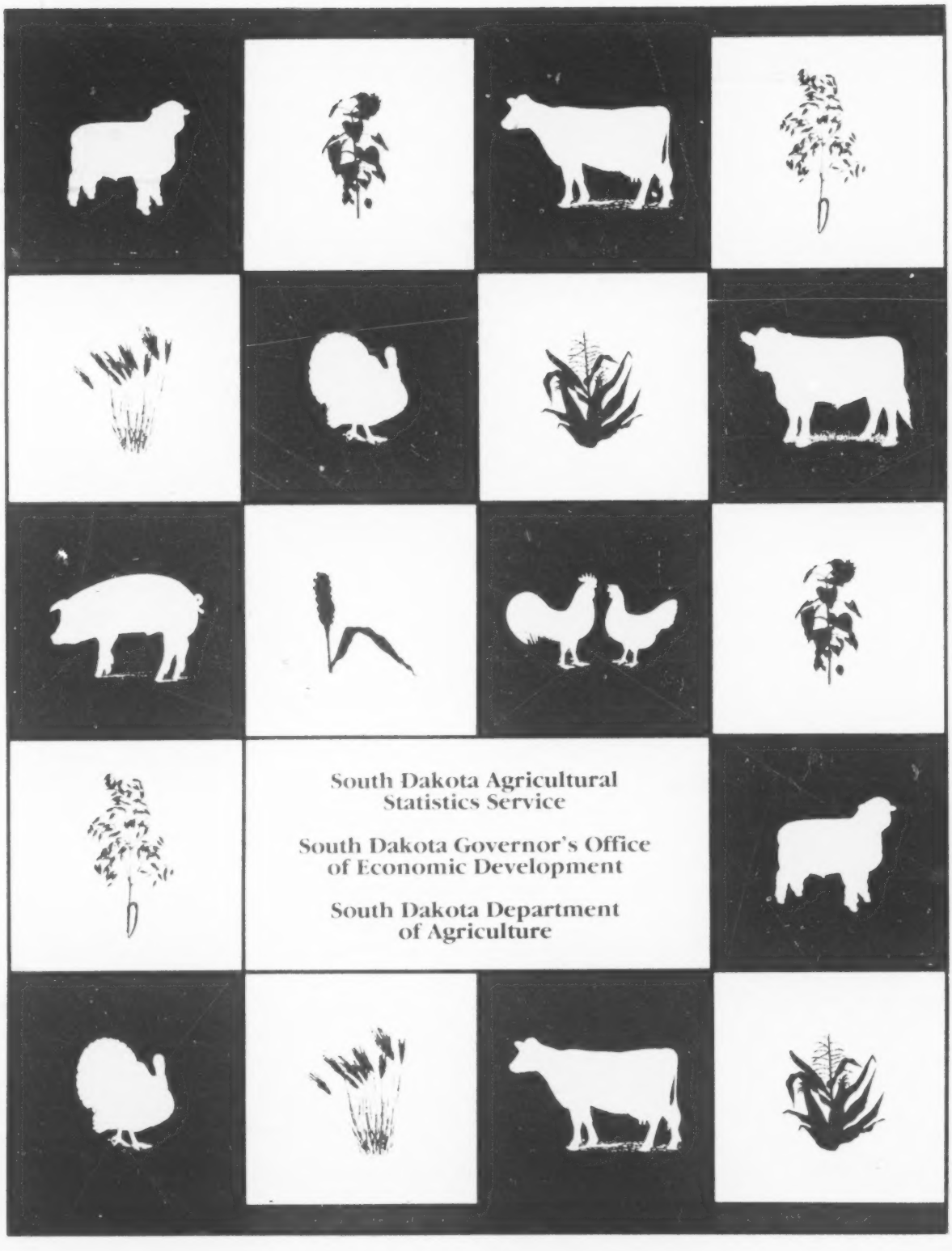
FARM LABOR AND WAGE RATES, REGIONAL AND U.S., 1987-1991 1/

YEAR AND MONTH	NUMBER OF WORKERS		HIRED WORKERS WAGE RATES PER TYPE OF WORK				
	HIRED	ALL FARM WORKERS	HOURS WORKED	FIELD	LIVESTOCK	FIELD & LIVESTOCK	COMPOSITE HOURLY RATE
	---- 1,000 ----		---------- DOLLARS PER HOUR ----------				
REGIONAL 2/							
1987							
APRIL	42	234	40.8	4.29	4.43	4.35	4.56
JULY	61	279	44.3	4.35	4.32	4.34	4.53
OCTOBER	46	240	47.7	4.90	3.88	4.35	4.44
1988							
APRIL	35	223	42.2	4.80	4.37	4.61	4.69
JULY	76	292	35.7	4.71	4.48	4.66	4.78
OCTOBER	39	241	44.7	4.94	4.82	4.91	5.02
1989							
JANUARY	24	190	42.4	5.21	4.94	5.20	5.46
APRIL	42	232	43.6	5.13	4.88	5.02	5.31
JULY	66	302	36.0	5.10	4.53	5.03	5.13
OCTOBER	39	254	53.8	5.63	4.63	5.46	5.54
1990							
JANUARY	29	191	41.4	5.30	5.72	5.64	5.89
APRIL	31	223	46.0	5.34	4.74	4.97	5.39
JULY	51	286	47.7	5.05	5.29	5.08	5.17
OCTOBER	39	254	48.6	5.40	5.00	5.28	5.45
1991							
JANUARY	29	206	39.9	5.44	5.29	5.31	5.46
UNITED STATES							
1987							
APRIL	885	2,636	40.3	4.70	4.32	4.57	4.90
JULY	1,270	3,211	37.9	4.60	4.29	4.52	4.78
OCTOBER	997	2,843	40.5	4.80	4.27	4.64	4.92
1988							
APRIL	958	2,754	39.5	4.76	4.51	4.69	5.00
JULY	1,200	3,218	37.4	4.63	4.50	4.60	4.90
OCTOBER	976	2,913	41.9	4.95	4.70	4.88	5.18
1989							
JANUARY	701	2,322	37.9	5.33	4.83	5.09	5.51
APRIL	830	2,607	40.2	5.14	4.71	5.00	5.35
JULY	1,197	3,448	39.6	4.96	4.79	4.92	5.23
OCTOBER	983	3,076	42.3	5.22	4.76	5.11	5.42
1990							
JANUARY	695	2,447	37.9	5.34	4.99	5.18	5.70
APRIL	833	2,761	39.8	5.20	4.94	5.11	5.54
JULY	1,106	3,335	39.9	5.05	4.90	5.02	5.30
OCTOBER	935	3,022	41.3	5.41	5.00	5.30	5.64
1991							
JANUARY	706	2,446	37.9	5.69	5.32	5.50	6.00

1/ EXCLUDES AGRICULTURAL SERVICE WORKERS. 2/ NORTHERN PLAINS: KS, NE, ND, SD.

INDEX

All Wheat (see Wheat)
Assets 61
Barley:
  Acreage, Yield, Production 12, 15, 35, 42
  Cash Receipts 60,62
  Prices 64, 66
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16, 17
  Value of Production 67
  Varieties 20
Cash Receipts:
  Individual Commodities 60, 62
  Monthly 61
  Rank of States 4
Cattle and Calves:
  Calf Crop 4, 48, 49
  Cash Receipts 48, 49, 60, 62
  Farms with Cattle and Calves 5
  Marketings 47-50
  Number
    on Farms 48, 49
    on Feed 50
  Operations By Size Group 5
  Placements 50
  Prices 47-49, 67, 68
  Production 48, 49
  Rank of States 4
  Records Set 47
  Slaughter 48-50
Cheese 58
Chickens:
  Cash Receipts 60, 62
  Number 57
  Records Set 47
Climatic Summary 6, 8-10
Corn:
  Acreage, Yield, Production 12, 15, 22-25, 41
  Cash Receipts 60, 62
  Cost of Production - Great Plains 19
  Marketings 18
  Planting & Harvesting Progress 7
  Prices 64, 65
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16, 17
  Value of Production 67
  (See also Silage, Corn)
Cows:
  Farms with cows 5
  Number 48, 49, 58
  Operations By Size Group 5
  Prices 67, 68
  Rank of States 4
  Records Set 47
  (See also Dairy, Cattle)
Crops (See Specific Commodity)
Dairy:
  Cash Receipts 60, 62
  Chart Summary 58
  Manufacturing Products 58
  Prices 58
  (See also Individual Commodities)
Debt, Farm 61
Debt/Asset Ratios 61
Durum (See Wheat)
Eggs:
  Cash Receipts 60, 62
  Prices 57
  Production 57
  Records Set 47
Equity, Farm 61
Expenses, Farm Production 61, 63
Farms:
  Number, Land in Farms, Average Size 5
Farm Labor 71
Feedlot Capacity 47
Fertilizer Use 21
Financial Assets 61
Flaxseed:
  Acreage, Yield, Production 12, 15, 37, 43
  Cash Receipts 60, 62
  Prices 64
  Rank of States & Counties 4, 14
  Records Set 13
Flaxseed (continued):
  Stocks 16
  Value of Production 67
Frost Dates 10
Government Payments 4, 60-62
Grains:
  Marketed by Month 18
  Stocks 16, 17
  Storage Facilities 18
  (See also Specific Commodities)
Harvesting Dates 7
Hay:
  Acreage, Yield, Production 12, 15
  Cash Receipts 60, 62
  Marketings 18
  Prices 64, 66
  Rank of States 4
  Value of Production 67
Hogs:
  Cash Receipts 52, 53, 60, 62
  Farms with Hogs 5
  Farrowings 51
  Marketings 52, 53
  Number 52, 53
  Operations By Size Group 5
  Pig Crops 51-53
  Prices 52, 53, 67, 68
  Production 52, 53
  Rank of States 4
  Records Set 47
  Slaughter 51-53
Honey:
  Number 57
  Prices 57
  Production 57
  Stocks 57
Income, Farm:
  Cash Receipts 60-62
  Gross Farm Income 61, 63
  Net Farm Income 61, 63
  (See also Specific Commodity)
Land, Farm Value 70
Land in Farms 5
Livestock (See Specific Species)
Milk:
  Disposition 58
  Milkfat 58
  Prices 58
  Production 58
  Products Manufactured 58
Oats:
  Acreage, Yield, Production 12, 15, 34, 42
  Cash Receipts 60, 62
  Cost of Production - Northern Plains 19
  Marketings 18
  Prices 64, 65
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16, 17
  Value of Production 67
Other Spring Wheat (See Wheat)
Pigs (See Hogs)
Planting Dates 7
Potatoes:
  Acreage, Yield, Production 12, 15
  Cash Receipts 60, 62
  Prices 64
  Rank of States 4
Poultry (See Specific Kind)
Precipitation 8, 9
Prices:
  Received by Farmers 64-69
  (See also Specific Commodity)
Production Expenses 19, 61, 63
Rank of Counties 14
Rank of States 4
Real Estate:
  Assets, Debts 61
  Values 70
Rents, Cash - Farm, Pasture & Cropland Rents 70
Rye:
  Acreage, Yield, Production 12, 15, 36, 43
  Cash Receipts 60, 62
  Prices 64
Rye (continued):
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16
  Value of Production 67
Sheep & Lambs:
  Cash Receipts 54, 55, 60, 62
  Farms with Sheep 5
  Lamb Crop 54, 55
  Marketings 54, 55
  Number 54, 55
  Number Shorn 56
  Prices 54, 55, 67, 69
  Production 54, 55
  Rank of States 4
  Records Set 47
  Slaughter 54-56
  (See also Wool)
Silage, Corn 12, 15, 22, 23
Silage, Sorghum 12, 15
Sorghum:
  Acreage, Yield, Production 12, 15, 39, 44
  Cash Receipts 60, 62
  Prices 64
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16, 17
  (See also Silage, Sorghum)
Soybeans:
  Acreage, Yield, Production 12, 15, 38, 44
  Cash Receipts 60, 62
  Marketings 18
  Planting & Harvesting Progress 7
  Prices 64, 66
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16, 17
  Value of Production 67
Sunflowers:
  Acreage, Yield, Production 12, 15, 40, 45
  Cash Receipts 60, 62
  Prices 64
  Rank of States & Counties 4, 14
  Records Set 13
Table of Contents 3
Temperatures 6, 10
Turkeys:
  Cash Receipts 60, 62
  Numbers 57
  Prices 57
  Records Set 47
Wage Rates 71
Weather Summary 6, 8-10
Wheat:
All Wheat
  Acreage, Yield, Production 12, 15, 26, 41
  Cash Receipts 60, 62
  Cost of Production-Northern Plains 19
  Marketings 18
  Prices 64, 65
  Rank of States & Counties 4, 14
  Records Set 13
  Stocks 16, 17
  Value of Production 67
Durum Wheat
  Acreage, Yield, Production 12, 30
  Prices 64
  Rank of States 4
Other Spring Wheat
  Acreage, Yield, Production 12, 31-33
  Planting & Harvesting Progress 7
  Prices 64
  Rank of States 4
Winter Wheat
  Acreage, Yield, Production 12, 27-29
  Prices 64
  Rank of States 4
Wool:
  Cash Receipts 60, 62
  Prices 56, 67, 69
  Value of Production 56



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